Quiz

Question 1:

A ball is drawn from a jar with Orange and Blue balls. Then the computer draws a chip from the bag that contains a total of 100 Red and Green chips, but has unknown composition. As we descibed before, if the chip drawn is Red, the computer will tell you the true color of the ball. If the chip drawn is Green, the computer will tell you the opposite color. Suppose the computer tells you that the color of the ball drawn is Orange. Then the ball...

- ◯ Must be Orange
- ◯ Must be Blue
- ◯ May be either Orange or Blue

Question 2: For each row below, which option would you prefer?

Option A			Option B
Receive a coupon that can be exchanged for $5	◯	◯	Receive $0.00
Receive a coupon that can be exchanged for $5	◯	◯	Receive $2.00
Receive a coupon that can be exchanged for $5	◯	◯	Receive $4.00
Receive a coupon that can be exchanged for $5	◯	◯	Receive $6.00
Receive a coupon that can be exchanged for $5	◯	◯	Receive $8.00
Receive a coupon that can be exchanged for $5	◯	◯	Receive $10.00

Continue

Part I

This part has 3 questions. All jars with balls will have a **known** composition.

Continue

Question 1

Jar composition:

In this question, the jar has 50 Aquamarine and 50 Red balls.

Please, choose a color of the ball to bet on:

Red | Aquamarine

For each row below, which option would you prefer?

Receive $20 if the **BALL DRAWN** is:			Receive
Red	○	○	$0.00
Red	○	○	$3.00
Red	○	○	$5.00
Red	○	○	$6.00
Red	○	○	$6.50
Red	○	○	$7.00
Red	○	○	$7.25
Red	○	○	$7.50
Red	○	○	$7.75
Red	○	○	$8.00
Red	○	○	$8.25
Red	○	○	$8.50
Red	○	○	$8.75
Red	○	○	$9.00
Red	○	○	$9.25
Red	○	○	$9.50
Red	○	○	$9.75
Red	○	○	$10.00
Red	○	○	$10.25
Red	○	○	$10.50
Red	○	○	$10.75
Red	○	○	$11.00
Red	○	○	$11.25
Red	○	○	$11.50
Red	○	○	$11.75
Red	○	○	$12.00
Red	○	○	$12.25
Red	○	○	$12.50
Red	○	○	$12.75
Red	○	○	$13.00
Red	○	○	$13.50
Red	○	○	$14.00
Red	○	○	$15.00
Red	○	○	$17.00
Red	○	○	$20.00

Continue

Question 2

Jar composition:

In this question, the jar has 50 Gray and 50 Magenta balls.

Information

To determine whether to tell the truth or to lie, the computer has drawn a chip from a bag with 100 chips, either **Lime** or **Brown**. The composition of the bag is **unknown**: there may be no **Lime** chips or no **Brown** chips, or any other composition.

If the chip drawn is **Lime**: the computer tells the **truth**.
If the chip drawn is **Brown**: the computer **lies**.

Here is the information given by the computer:

The Ball Drawn is Gray

Remember, that this may or may not be the truth!

Please, acknowledge the information above. That is, click on the corresponding color:

Magenta Gray

Please, choose a color of the ball to bet on:

Gray Magenta

For each row below, which option would you prefer?

Receive $20 if the **BALL DRAWN** is:			Receive
Magenta	○	○	$0.00
Magenta	○	○	$3.00
Magenta	○	○	$5.00
Magenta	○	○	$6.00
Magenta	○	○	$6.50
Magenta	○	○	$7.00
Magenta	○	○	$7.25
Magenta	○	○	$7.50
Magenta	○	○	$7.75
Magenta	○	○	$8.00
Magenta	○	○	$8.25
Magenta	○	○	$8.50
Magenta	○	○	$8.75
Magenta	○	○	$9.00
Magenta	○	○	$9.25
Magenta	○	○	$9.50
Magenta	○	○	$9.75
Magenta	○	○	$10.00
Magenta	○	○	$10.25
Magenta	○	○	$10.50
Magenta	○	○	$10.75
Magenta	○	○	$11.00
Magenta	○	○	$11.25
Magenta	○	○	$11.50
Magenta	○	○	$11.75
Magenta	○	○	$12.00
Magenta	○	○	$12.25
Magenta	○	○	$12.50
Magenta	○	○	$12.75
Magenta	○	○	$13.00
Magenta	○	○	$13.50
Magenta	○	○	$14.00
Magenta	○	○	$15.00
Magenta	○	○	$17.00
Magenta	○	○	$20.00

Continue

Question 3

Jar composition:

In this question, the jar has 50 **Yellow** and 50 **Teal** balls.

Choosing whether to receive information

In this question, before you compare bets on the color of the ball with certain prizes, you can **choose** whether you want to receive information about the color of the ball.

To determine whether to tell the truth or to lie, the computer has drawn a chip from a bag with 100 chips, either **Purple** or **Violet**. The composition of the bag is **unknown**: there may be no **Purple** chips or no **Violet** chips, or any other composition.

If the chip drawn is **Purple**: the computer tells the **truth**.
If the chip drawn is **Violet**: the computer **lies**.

Option A			Option B
No information	○	○	Information and *reduce* your winnings by $5.0
No information	○	○	Information and *reduce* your winnings by $3.0
No information	○	○	Information and *reduce* your winnings by $2.5
No information	○	○	Information and *reduce* your winnings by $2.0
No information	○	○	Information and *reduce* your winnings by $1.8
No information	○	○	Information and *reduce* your winnings by $1.6
No information	○	○	Information and *reduce* your winnings by $1.4
No information	○	○	Information and *reduce* your winnings by $1.2
No information	○	○	Information and *reduce* your winnings by $1.0
No information	○	○	Information and *reduce* your winnings by $0.9
No information	○	○	Information and *reduce* your winnings by $0.8
No information	○	○	Information and *reduce* your winnings by $0.7
No information	○	○	Information and *reduce* your winnings by $0.6
No information	○	○	Information and *reduce* your winnings by $0.5
No information	○	○	Information and *reduce* your winnings by $0.4
No information	○	○	Information and *reduce* your winnings by $0.3
No information	○	○	Information and *reduce* your winnings by $0.2
No information	○	○	Information and *reduce* your winnings by $0.1
No information	○	○	Information and *increase* your winnings by $0.0
No information	○	○	Information and *increase* your winnings by $0.1
No information	○	○	Information and *increase* your winnings by $0.2
No information	○	○	Information and *increase* your winnings by $0.3
No information	○	○	Information and *increase* your winnings by $0.4
No information	○	○	Information and *increase* your winnings by $0.5
No information	○	○	Information and *increase* your winnings by $0.6
No information	○	○	Information and *increase* your winnings by $0.7
No information	○	○	Information and *increase* your winnings by $0.8
No information	○	○	Information and *increase* your winnings by $0.9
No information	○	○	Information and *increase* your winnings by $1.0
No information	○	○	Information and *increase* your winnings by $1.2
No information	○	○	Information and *increase* your winnings by $1.4
No information	○	○	Information and *increase* your winnings by $1.6
No information	○	○	Information and *increase* your winnings by $1.8
No information	○	○	Information and *increase* your winnings by $2.0
No information	○	○	Information and *increase* your winnings by $2.5
No information	○	○	Information and *increase* your winnings by $3.0
No information	○	○	Information and *increase* your winnings by $5.0

Continue

Question 3

Based on your choice in the randomly selected row, your payoff will be **increased by $0.9** and you will now make choices **with information.**

Jar composition:

In this question, the jar has 50 **Yellow** and 50 **Teal** balls.

Information

To determine whether to tell the truth or to lie, the computer has drawn a chip from a bag with 100 chips, either **Purple** or **Violet**. The composition of the bag is **unknown**: there may be no **Purple** chips or no **Violet** chips, or any other composition.

If the chip drawn is **Purple**: the computer tells the **truth**.
If the chip drawn is **Violet**: the computer **lies**.

Here is the information given by the computer:

The Ball Drawn is Teal

Remember, that this may or may not be the truth!

Please, acknowledge the information above. That is, click on the corresponding color:

Teal Yellow

Please, choose a color of the ball to bet on:

Teal Yellow

For each row below, which option would you prefer?

Receive $20 if the **BALL DRAWN** is:			Receive
Yellow	○	○	$0.00
Yellow	○	○	$3.00
Yellow	○	○	$5.00
Yellow	○	○	$6.00
Yellow	○	○	$6.50
Yellow	○	○	$7.00
Yellow	○	○	$7.25
Yellow	○	○	$7.50
Yellow	○	○	$7.75
Yellow	○	○	$8.00
Yellow	○	○	$8.25
Yellow	○	○	$8.50
Yellow	○	○	$8.75
Yellow	○	○	$9.00
Yellow	○	○	$9.25
Yellow	○	○	$9.50
Yellow	○	○	$9.75
Yellow	○	○	$10.00
Yellow	○	○	$10.25
Yellow	○	○	$10.50
Yellow	○	○	$10.75
Yellow	○	○	$11.00
Yellow	○	○	$11.25
Yellow	○	○	$11.50
Yellow	○	○	$11.75
Yellow	○	○	$12.00
Yellow	○	○	$12.25
Yellow	○	○	$12.50
Yellow	○	○	$12.75
Yellow	○	○	$13.00
Yellow	○	○	$13.50
Yellow	○	○	$14.00
Yellow	○	○	$15.00
Yellow	○	○	$17.00
Yellow	○	○	$20.00

Continue

Part II

This part has 3 questions. All jars with balls will have an **unknown** composition.

Continue

Question 4

Jar composition:

In this question, the jar has a of 100 **Olive** and **Rose** balls. The composition of the jar is **unknown**: there may be no **Olive** balls or no **Rose** balls, or any other composition.

Please, choose a color of the ball to bet on:

Rose | Olive

For each row below, which option would you prefer?

Receive $20 if the **BALL DRAWN** is:			Receive
Rose	○	○	$0.00
Rose	○	○	$3.00
Rose	○	○	$5.00
Rose	○	○	$6.00
Rose	○	○	$6.50
Rose	○	○	$7.00
Rose	○	○	$7.25
Rose	○	○	$7.50
Rose	○	○	$7.75
Rose	○	○	$8.00
Rose	○	○	$8.25
Rose	○	○	$8.50
Rose	○	○	$8.75
Rose	○	○	$9.00
Rose	○	○	$9.25
Rose	○	○	$9.50
Rose	○	○	$9.75
Rose	○	○	$10.00
Rose	○	○	$10.25
Rose	○	○	$10.50
Rose	○	○	$10.75
Rose	○	○	$11.00
Rose	○	○	$11.25
Rose	○	○	$11.50
Rose	○	○	$11.75
Rose	○	○	$12.00
Rose	○	○	$12.25
Rose	○	○	$12.50
Rose	○	○	$12.75
Rose	○	○	$13.00
Rose	○	○	$13.50
Rose	○	○	$14.00
Rose	○	○	$15.00
Rose	○	○	$17.00
Rose	○	○	$20.00

Continue

Question 5

Jar composition:

In this question, the jar has a of 100 **Blue** and **Orange** balls. The composition of the jar is **unknown**: there may be no **Blue** balls or no **Orange** balls, or any other composition.

Information

To determine whether to tell the truth or to lie, the computer has drawn a chip from a bag with 100 chips, either **Green** or Lavender. The composition of the bag is **unknown**: there may be no **Green** chips or no Lavender chips, or any other composition.

If the chip drawn is **Green**: the computer tells the **truth**.
If the chip drawn is Lavender: the computer **lies**.

Here is the information given by the computer:

The Ball Drawn is Blue

Remember, that this may or may not be the truth!

Please, acknowledge the information above. That is, click on the corresponding color:

Blue Orange

Please, choose a color of the ball to bet on:

Blue Orange

For each row below, which option would you prefer?

Receive $20 if the **BALL DRAWN** is:			Receive
Blue	○	○	$0.00
Blue	○	○	$3.00
Blue	○	○	$5.00
Blue	○	○	$6.00
Blue	○	○	$6.50
Blue	○	○	$7.00
Blue	○	○	$7.25
Blue	○	○	$7.50
Blue	○	○	$7.75
Blue	○	○	$8.00
Blue	○	○	$8.25
Blue	○	○	$8.50
Blue	○	○	$8.75
Blue	○	○	$9.00
Blue	○	○	$9.25
Blue	○	○	$9.50
Blue	○	○	$9.75
Blue	○	○	$10.00
Blue	○	○	$10.25
Blue	○	○	$10.50
Blue	○	○	$10.75
Blue	○	○	$11.00
Blue	○	○	$11.25
Blue	○	○	$11.50
Blue	○	○	$11.75
Blue	○	○	$12.00
Blue	○	○	$12.25
Blue	○	○	$12.50
Blue	○	○	$12.75
Blue	○	○	$13.00
Blue	○	○	$13.50
Blue	○	○	$14.00
Blue	○	○	$15.00
Blue	○	○	$17.00
Blue	○	○	$20.00

Continue

Question 6

Jar composition:

In this question, the jar has a of 100 Pink and Cyan balls. The composition of the jar is **unknown**: there may be no Pink balls or no Cyan balls, or any other composition.

Choosing whether to receive information

In this question, before you compare bets on the color of the ball with certain prizes, you can **choose** whether you want to receive information about the color of the ball.

To determine whether to tell the truth or to lie, the computer has drawn a chip from a bag with 100 chips, either **Ochre** or **Indigo**. The composition of the bag is **unknown**: there may be no **Ochre** chips or no **Indigo** chips, or any other composition.

If the chip drawn is **Ochre**: the computer tells the **truth**.
If the chip drawn is **Indigo**: the computer **lies**.

Option A			Option B
No information	○	○	Information and *reduce* your winnings by $5.0
No information	○	○	Information and *reduce* your winnings by $3.0
No information	○	○	Information and *reduce* your winnings by $2.5
No information	○	○	Information and *reduce* your winnings by $2.0
No information	○	○	Information and *reduce* your winnings by $1.8
No information	○	○	Information and *reduce* your winnings by $1.6
No information	○	○	Information and *reduce* your winnings by $1.4
No information	○	○	Information and *reduce* your winnings by $1.2
No information	○	○	Information and *reduce* your winnings by $1.0
No information	○	○	Information and *reduce* your winnings by $0.9
No information	○	○	Information and *reduce* your winnings by $0.8
No information	○	○	Information and *reduce* your winnings by $0.7
No information	○	○	Information and *reduce* your winnings by $0.6
No information	○	○	Information and *reduce* your winnings by $0.5
No information	○	○	Information and *reduce* your winnings by $0.4
No information	○	○	Information and *reduce* your winnings by $0.3
No information	○	○	Information and *reduce* your winnings by $0.2
No information	○	○	Information and *reduce* your winnings by $0.1
No information	○	○	Information and *increase* your winnings by $0.0
No information	○	○	Information and *increase* your winnings by $0.1
No information	○	○	Information and *increase* your winnings by $0.2
No information	○	○	Information and *increase* your winnings by $0.3
No information	○	○	Information and *increase* your winnings by $0.4
No information	○	○	Information and *increase* your winnings by $0.5
No information	○	○	Information and *increase* your winnings by $0.6
No information	○	○	Information and *increase* your winnings by $0.7
No information	○	○	Information and *increase* your winnings by $0.8
No information	○	○	Information and *increase* your winnings by $0.9
No information	○	○	Information and *increase* your winnings by $1.0
No information	○	○	Information and *increase* your winnings by $1.2
No information	○	○	Information and *increase* your winnings by $1.4
No information	○	○	Information and *increase* your winnings by $1.6
No information	○	○	Information and *increase* your winnings by $1.8
No information	○	○	Information and *increase* your winnings by $2.0
No information	○	○	Information and *increase* your winnings by $2.5
No information	○	○	Information and *increase* your winnings by $3.0
No information	○	○	Information and *increase* your winnings by $5.0

Continue

Question 6

Based on your choice in the randomly selected row, your payoff will be **increased by $0.5** and you will now make choices **with information.**

Jar composition:

In this question, the jar has a of 100 Pink and Cyan balls. The composition of the jar is **unknown**: there may be no Pink balls or no Cyan balls, or any other composition.

Information

To determine whether to tell the truth or to lie, the computer has drawn a chip from a bag with 100 chips, either **Ochre** or **Indigo**. The composition of the bag is **unknown**: there may be no **Ochre** chips or no **Indigo** chips, or any other composition.

If the chip drawn is **Ochre**: the computer tells the **truth**.
If the chip drawn is **Indigo**: the computer **lies**.

Here is the information given by the computer:

The Ball Drawn is Cyan

Remember, that this may or may not be the truth!

Please, acknowledge the information above. That is, click on the corresponding color:

Pink Cyan

Please, choose a color of the ball to bet on:

Cyan Pink

For each row below, which option would you prefer?

Receive $20 if the **BALL DRAWN** is:			Receive
Pink	○	○	$0.00
Pink	○	○	$3.00
Pink	○	○	$5.00
Pink	○	○	$6.00
Pink	○	○	$6.50
Pink	○	○	$7.00
Pink	○	○	$7.25
Pink	○	○	$7.50
Pink	○	○	$7.75
Pink	○	○	$8.00
Pink	○	○	$8.25
Pink	○	○	$8.50
Pink	○	○	$8.75
Pink	○	○	$9.00
Pink	○	○	$9.25
Pink	○	○	$9.50
Pink	○	○	$9.75
Pink	○	○	$10.00
Pink	○	○	$10.25
Pink	○	○	$10.50
Pink	○	○	$10.75
Pink	○	○	$11.00
Pink	○	○	$11.25
Pink	○	○	$11.50
Pink	○	○	$11.75
Pink	○	○	$12.00
Pink	○	○	$12.25
Pink	○	○	$12.50
Pink	○	○	$12.75
Pink	○	○	$13.00
Pink	○	○	$13.50
Pink	○	○	$14.00
Pink	○	○	$15.00
Pink	○	○	$17.00
Pink	○	○	$20.00

Continue

Thank you for your participation!

Please, wait. You will be called to collect your payment shortly.
In the meantime, we kindly ask you to provide us some feedback. Did you think the information about the color of the ball was valuable? Why or why not?

Feedback:

Continue

Results

The following row from Question 5 was chosen randomly for your payment:

Receive $20 if the **BALL DRAWN** is:			Receive
Blue	●	○	6

Your decided to bet on the color of the ball in this decision, which means that your payoff is determined by a color of the ball. The ball drawn from the jar is Orange and, therefore, your payoff is $0.

Including the showup fee of $10 and the completion fee of $15, you total payment is $**25**.

Thank you for your participation!

Continue