OUTPUT SCREEN

```
Hey there! What's your name?
xyz
Hello XYZ. Here are some fun games for you! Check out these to keep your boredom away :)
1.Random number guessing
2.Pi value game
3.Quiz
4.Exit

ALL THE BEST
Enter your choice (1/2/3/4):      1

You have chosen to play the RANDOM NUMBER GUESSING GAME!
In this game, the computer will generate a random number between 1 and 20 and you have to guess the number, based on the h
ints given. You will be given a maximum of 5 chances. Are you ready?
Press enter to begin

Enter your guess:     25
Wrong input! Enter a number between 1 and 20.
Enter your guess:     0
Wrong input! Enter a number between 1 and 20.
Enter your guess:     10
The number is between 10 and 20.
Enter your guess:     15
The number is between 1 and 15.
Enter your guess:     13
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Enter your guess:     13
The number is between 13 and 20.
Sorry, you lost!

Do you want to play again? (Y/N):     y
Enter your guess:     10
The number is between 10 and 20.
Enter your guess:     15
The number is between 1 and 15.
Enter your guess:     13
The number is between 13 and 20.
Enter your guess:     14
Congratulations! You won!

Do you want to play again? (Y/N):     n

Thank you for playing! Hope you had fun.
Bye-bye, have a good day :)

...Program finished with exit code 0
Press ENTER to exit console.
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```
Hey there! What's your name?
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Hello XYZ. Here are some fun games for you! Check out these to keep your boredom away :)
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ALL THE BEST
Enter your choice (1/2/3/4):      2

You have chosen to play the PI GAME!
Here you can input a number and the value of PI will be displayed based on your input.
Press enter to begin

Enter the number of decimal places:    0
Please enter a valid number (between 1 and 15)
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Do you want to play again? (Y/N):    y
Enter the number of decimal places:    3
3 . 1 4 1

Do you want to play again? (Y/N):    y
Enter the number of decimal places:    15
3 . 1 4 1 5 9 2 6 5 3 5 8 9 7 9 3

Do you want to play again? (Y/N):    n


Thank you for playing! Hope you had fun.
Bye-bye, have a good day :)


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ALL THE BEST
Enter your choice (1/2/3/4):    3

You have chosen to play the QUIZ!
In this game, you will have 10 questions. You can enter the option (A or B or C) and for each correct
 answer you get 10 points. For each wrong answer, you lose 5 points. So lets go!
Press enter to begin

1.How many nations border India?
A.7      B.10     C.8
Enter the option:    c
2.Which sea creature has 3 hearts?
A.Starfish      B.Octopus       C.Shark
Enter the option:    b
3.What is the Italian word for Pie?
A.Risotto       B.Lasagna       C.Pizza
Enter the option:    b
4.Equinophobia is the fear of-
A.Insects       B.Horses        C.Cats
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4.Equinophobia is the fear of-
A.Insects       B.Horses        C.Cats
Enter the option:    c
5.What is the diameter of the Earth (in km)?
A.13120   B.12740   C.12450
Enter the option:    b
6.Who discovered the cell?
A.Robert Hooke   B.Charles Darwin   C.Gregor Mendel
Enter the option:    a
7.Which city is called the City of Love?
A.New York   B.Rome   C.Paris
Enter the option:    c
8.Japan attacked which part of America, that pulled it to World War II?
A.Pearl Harbour   B.Hawaii   C.Myrtle beach
Enter the option:    b
9.According to Indian history, where did the Portugese come first?
A.Pondicherry   B.Mumbai   C.Goa
Enter the option:    c
10.Which technology is used to record cryptocurrency?
A.Digital wallet   B.Blockchain   C.Token
Enter the option:    a

Congratulations! You have completed your quiz and your score is 25.
The list of correct answers is given below:
1.7
2.Octopus
3.Pizza
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3.Pizza
4.Horses
5.12740
6.Robert Hooke
7.Paris
8.Pearl Harbour
9.Goa
10.Blockchain


Do you want to play again? (Y/N):     y
1.How many nations border India?
A.7      B.10    C.8
Enter the option:    a
2.Which sea creature has 3 hearts?
A.Starfish      B.Octopus       C.Shark
Enter the option:    b
3.What is the Italian word for Pie?
A.Risotto       B.Lasagna       C.Pizza
Enter the option:    c
4.Equinophobia is the fear of-
A.Insects       B.Horses        C.Cats
Enter the option:    b
5.What is the diameter of the Earth (in km)?
A.13120   B.12740  C.12450
Enter the option:    b
6.Who discovered the cell?
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6.Who discovered the cell?
A.Robert Hooke   B.Charles Darwin   C.Gregor Mendel
Enter the option:    a
7.Which city is called the City of Love?
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Enter the option:    c
8.Japan attacked which part of America, that pulled it to World War II?
A.Pearl Harbour   B.Hawaii   C.Myrtle beach
Enter the option:    a
9.According to Indian history, where did the Portugese come first?
A.Pondicherry   B.Mumbai   C.Goa
Enter the option:    c
10.Which technology is used to record cryptocurrency?
A.Digital wallet   B.Blockchain   C.Token
Enter the option:    b

Congratulations! You have completed your quiz and your score is 100.


Do you want to play again? (Y/N):    n

Thank you for playing! Hope you had fun.
Bye-bye, have a good day :)


...Program finished with exit code 0
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ALL THE BEST
Enter your choice (1/2/3/4):    5

You have typed a wrong number! Enter again.
Enter your choice (1/2/3/4):    0

You have typed a wrong number! Enter again.
Enter your choice (1/2/3/4):    -1

You have typed a wrong number! Enter again.
Enter your choice (1/2/3/4):    4

Aborting Program!
Bye-bye, have a good day :)


...Program finished with exit code 0
Press ENTER to exit console.
```