**Slot Machine Game**

**Write a console based slot machine game.**

The game is played on a 3 by 3 grid where:

-Each matching horizontal or vertical line pays 1.2x of the bet back to the player

-Each matching diagonal line pays 3.6x of the bet back.

You must visualize the grid twice every round, one for displaying the values and the other for indicating the line matches.

You must print out relevant information: the earnings, total balance and the type of lines cleared (and how many).

The numbers must be between 0 to 9.

**Pseudocode:**

Loop forever

If player balance is less than or equal to zero, quit

Show the player balance and tell the player to press enter

Populate 3 by 3 grid using random numbers from 0 to 9

Calculate and display earnings, current balance, the slot machine values and the line match indicator

**For example, the game could look like:**

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>Welcome to the Fun-master-2000 slot machine!

>you have $100

>please press enter to spin for $10!

Results

|  |  |  |
| --- | --- | --- |
| 3 | 3 | 3 |
| 1 | 3 | 2 |
| 9 | 5 | 3 |

You cleared 1 horizontal and 1 diagonal line

|  |  |  |
| --- | --- | --- |
| \* | \* | \* |
|  | \* |  |
|  |  | \* |

You made earned $4.8, you total balance is $104.8

>you have $104.8

>please press enter to spin for $10!

Results

|  |  |  |
| --- | --- | --- |
| 3 | 4 | 5 |
| 1 | 2 | 2 |
| 9 | 5 | 3 |

You did not clear any lines!

>you have $94.8

>please press enter to spin for $10!

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