“

Yes

No

If player input does not equal to CHO or HAN prompt them to reenter their input

Is player’s guess valid?

Ask player to guess if number if even or odd

Roll two random numbers ranging from one to seven

If user inputs “QUIT” exit the program

If user enters an amount that exceeds their purse prompt them to enter an appropriate amount

If user enters a decimal number prompt them to enter a non-decimal number

Yes

No

Is the amount valid?

Prompt player to enter their bet amount

Start

If players guess is true

No

Yes

Inform the player that they won and then divide 12% from their purse and award them the remaining amount

If players bet is false subtract from their purse

If players guess is true and totals to an amount of 2 or 7

Award player an additional amount of ten money to their purse

Yes

No

Player receives no bonus

End

Exit Program

Restart Program

No

Yes

If player’s purse = 0