Jackpot

September 10, 2022

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[1]: #Importing Libraries
     from random import choices

     #Defining functions
     def spin():
         '''
         This function is defined to get jack of 3 numbers using choices.
         Then all the criterias are defined about how the user can get money?
         '''
         global amt
         jacklist = [0,1,2,3,4,5,6,7,8,9]
         jack = choices(jacklist, weights = [4, 3, 3, 3, 3, 3, 3, 4, 3, 3], k = 3)
         if str(jack[0])==str(jack[1])==str(jack[2]): #e.g. jack = [7,7,7] or␣
     ↪[1,1,1] etc
             amt+=200 #Reward
             print(f"\n{' '*10}{jack}")
             print(f"{'*'*29}\n{'*'*10} JACKPOT {'*'*10}\n{'*'*29}\n{' '*5}**␣
     ↪Congratulations **\n{' '*5}:)  You have won  :)\n{' '*10}-> $200 <-")
             print(f"  You have ${amt} left to play")
         elif str(jack[0]) < str(jack[1]) == str(jack[0]+1) < str(jack[2]) ==␣
     ↪str(jack[0]+2):
             #e.g. jack = [1,2,3]
             amt+=80 #Reward
             print(f"\n\t{' '*7}{jack}")
             print("\t ** Congratulations **\n\t  :)  You have won  :)\n\t       ->␣
     ↪$80 <-")
             print(f"\tYou have ${amt} left to play")
         elif str(jack[0]) == str(jack[1]) or str(jack[0]) == str(jack[2]) or␣
     ↪(str(jack[1]) == str(jack[2])):
             #e.g. jack = [1,1,5]
             amt+=50 #Reward
             print(f"\n\t{' '*7}{jack}")
             print("\t ** Congratulations **\n\t  :)  You have won  :)\n\t       ->␣
     ↪$50 <-")
             print(f"\tYou have ${amt} left to play")
         elif str(jack[0]>0)<str(jack[1])<str(jack[2]): #e.g. jack = [1,5,9]
             amt+=10 #Reward
```

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        print(f"\n\t{' '*7}{jack}")
        print("\t ** Congratulations **\n\t  :)  You have won  :)\n\t       ->␣
   ↪$10 <-")
        print(f"\tYou have ${amt} left to play")
    else: #No money if none of above
        amt-=100 #Reward
        print(f"\n\t{jack}")
        print("\tTry again\n  ;) Don't loose HOPE ;)")
        print(f"You have ${amt} left to play")

def prt():
    '''
    This function is defined only for more clean code
    '''
    print(f"You have won ${amt}")
    print("Thank you for playing on our slot machine")
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#Main
amt = 0
choice = "y"
while amt<200: #Loop to only accept amount greater than equal to 200
    amt = int(input("How much money you would like to play with(amount must be␣
   ↪$200 and above): "))
while choice == "y":
    while amt >= 100:
        spin() #Function calling
        choice = input("Want to spin again? Press 'y' to SPIN and 'n' to quit:␣
   ↪")
        if choice == 'n':
            prt() #Function calling
            break #All the break statements indicate user quits
        elif amt >= 100: #User should atleat have $100 to spin again
            spin() #Function calling
            choice = input("Want to spin again? Press 'y' to SPIN and 'n' to␣
   ↪quit: ")
            if choice == 'n':
                prt() #Function calling
                break
        if amt <= 80: #User can add more money if user have insufficient amount␣
   ↪to spin again
            print("Insufficient amount to spin again")
            play = input("Press 'y' to add money and 'n' to quit: ")
            if play == 'y':
                while amt<200:
                    amt = int(input("Add more money(amount must be $200 and␣
   ↪above): "))
            else:
```

```python
                prt()    #Function calling
                break
        else:
            break
```

How much money you would like to play with(amount must be $200 and above): 200

        [0, 3, 1]
        Try again
  ;) Don't loose HOPE ;)
You have $100 left to play
Want to spin again? Press 'y' to SPIN and 'n' to quit: y

            [7, 7, 0]
        ** Congratulations **
         :) You have won :)
            -> $50 <-
        You have $150 left to play
Want to spin again? Press 'y' to SPIN and 'n' to quit: y

        [6, 1, 2]
        Try again
  ;) Don't loose HOPE ;)
You have $50 left to play
Want to spin again? Press 'y' to SPIN and 'n' to quit: y
Insufficient amount to spin again
Press 'y' to add money and 'n' to quit: y
Add more money(amount must be $200 and above): 300

            [8, 7, 8]
        ** Congratulations **
         :) You have won :)
            -> $50 <-
        You have $350 left to play
Want to spin again? Press 'y' to SPIN and 'n' to quit: y

            [7, 7, 8]
        ** Congratulations **
         :) You have won :)
            -> $50 <-
        You have $400 left to play
Want to spin again? Press 'y' to SPIN and 'n' to quit: n
You have won $400
Thank you for playing on our slot machine