

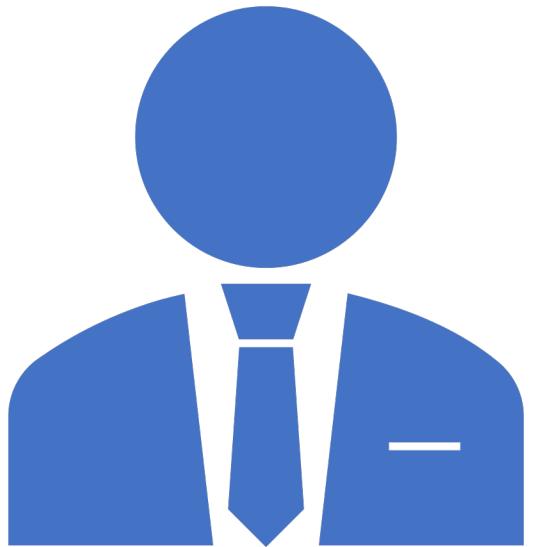
# BridgeLabz

Employability Delivered

## Gambling Simulation Problem

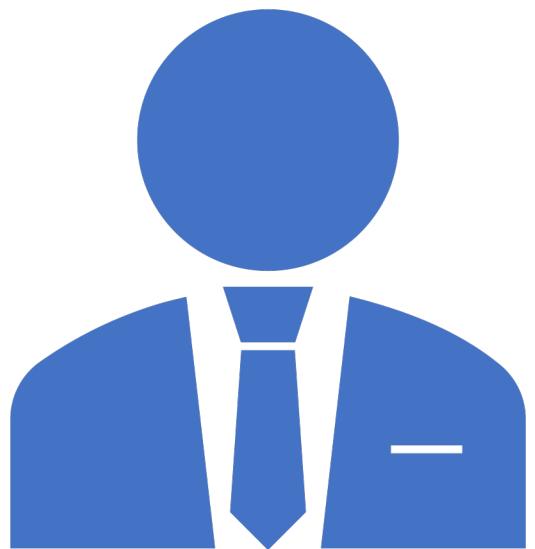
# Gambling Simulator

This problem simulates a Gambler who starts with a stake and bets every game to win or loose some stake. Being a Calculative Gambler exits if the Stake reaches a high or a low limit



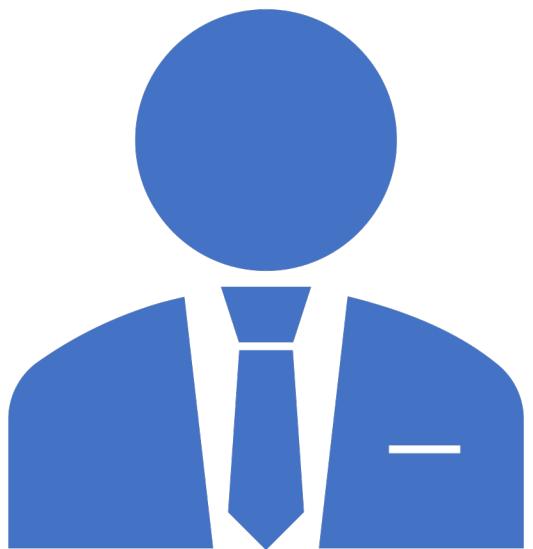
**UC 1**

As a Gambler, would start with a stake of \$100 every day and bet \$1 every game.



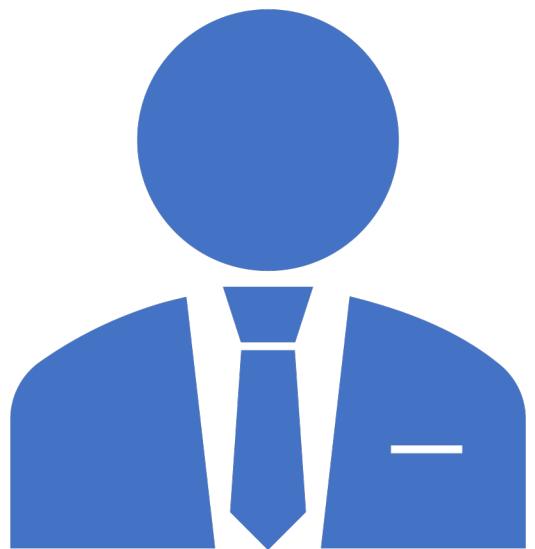
**UC 2**

As a Gambler make \$1 bet so either win or loose \$1



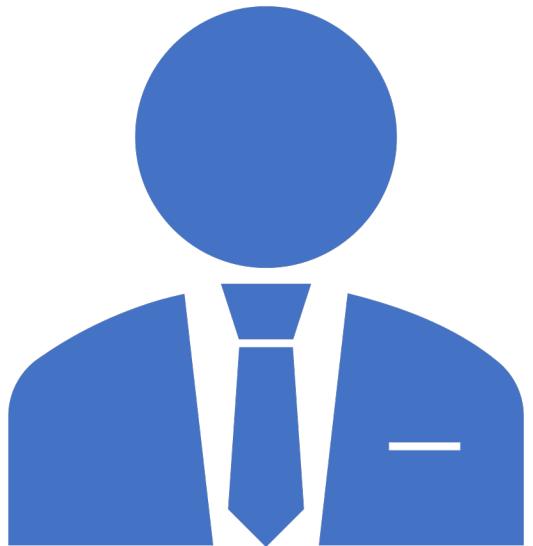
**UC 3**

As a Calculative  
Gambler if won or lost  
50% of the stake,  
would resign for the  
day



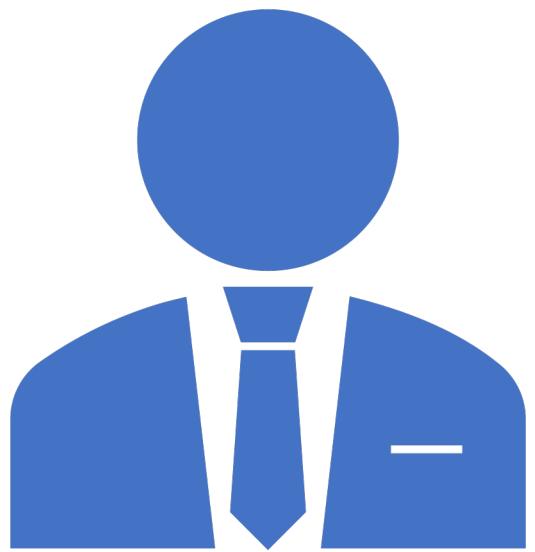
**UC 4**

After 20 days of playing  
every day would like to  
know the total amount  
won or lost.



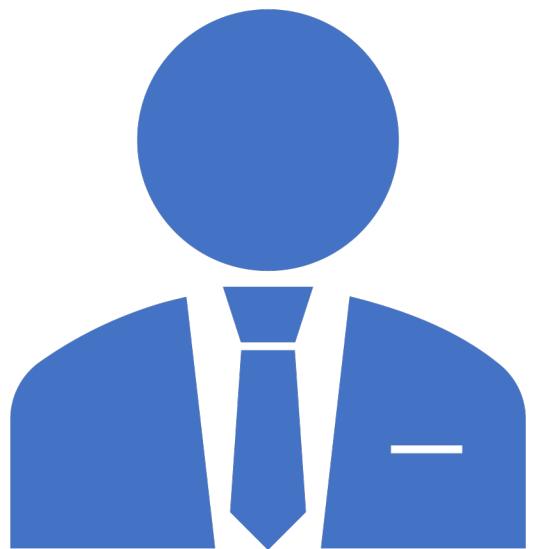
**UC 5**

Each month would like to know the days won and lost and by how much.



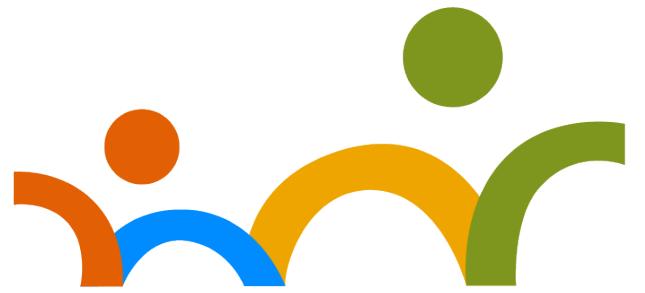
**UC 6**

Would also like to  
know my luckiest day  
where I won maximum  
and my unluckiest day  
where I lost maximum



**UC 7**

If won would like to  
continue playing next  
month or stop  
**Gambling**



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Thank  
You