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1 # A Mastermind Game
2 import random
3
4 # Main Function
5 print("\n\t\t\t\tMastermind Game")
6 print("\t\t\t\t-----\n")
7 print("NOTE: 1. The Number should be within 1 to 100\n",' '*4,"2. Who will guess the
  setting number in minimum time, will win\n")
8
9 g1=input("Press any key to set number for Player 1: ")
10 if 1:
11     a=random.randint(1,100)
12     c1=0
13     print("\nIt turns for Player 2")
14     while 1:
15         b=int(input("\nEnter Number: "))
16         if(a>b):
17             print("\nYour guess is SMALLER than choice ... Used Chance: ",c1+1,"\n")
18             c1+=1
19         elif(a<b):
20             print("\nYour guess is GREATER than choice ... Used Chance: ",c1+1,"\n")
21             c1+=1
22         elif(a==b):
23             print("\nPlayer 2 has guess the number\n")
24             break
25
26 g2=input("Press any key to set number for Player 2: ")
27 if 1:
28     a=random.randint(1,100)
29     c2=0
30     print("\nIt turns for Player 1")
31     while 1:
32         b=int(input("\nEnter Number: "))
33         if(a>b):
34             print("\nYour guess is SMALLER than choice ... Used Chance: ",c2+1,"\n")
35             c2+=1
36         elif(a<b):
37             print("\nYour guess is GREATER than choice ... Used Chance: ",c2+1,"\n")
38             c2+=1
39         elif(a==b):
40             print("\nPlayer 1 has guess the number\n")
41             break
42
43 print("Used Chances for Player 1: {}\nUsed Chances for Player 2: {}".format(c2,c1))
44 if(c1>c2):
45     print("\nPlayer 1 Wins the Game\n")
46 elif(c1<c2):
47     print("\nPlayer 2 Wins the Game\n")
48 else:
49     print("\nGame has been Drawn\n")
50

```