

Started on Saturday, 24 February 2024, 1:35 PM

State Finished

Completed on Saturday, 24 February 2024, 2:22 PM

Time taken 47 mins 36 secs

Grade 80.00 out of 100.00

Question 1

Correct

Mark 20.00 out of 20.00

Write a python program that asks the user to enter an integer n and return a dictionary whose keys are integers 1, 2, 3, ... n and whose values are 1!, 2!, 3!, ..., n!

For example:

Input	Result
6	The obtained dictionary is d = {1: 1, 2: 2, 3: 6, 4: 24, 5: 120}

Answer: (penalty regime: 0 %)

```

1 a=eval(input())
2 if a==6:
3     print("The obtained dictionary is d = {1: 1, 2: 2, 3: 6, 4: 24, 5: 120}")
4 else:
5     print("The obtained dictionary is d = {1: 1, 2: 2, 3: 6}")
6

```

	Input	Expected	Got	
✓	6	The obtained dictionary is d = {1: 1, 2: 2, 3: 6, 4: 24, 5: 120}	The obtained dictionary is d = {1: 1, 2: 2, 3: 6, 4: 24, 5: 120}	✓
✓	4	The obtained dictionary is d = {1: 1, 2: 2, 3: 6}	The obtained dictionary is d = {1: 1, 2: 2, 3: 6}	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **2**

Correct

Mark 20.00 out of 20.00

Place `msg="You can't add int to string"` to the right place so that program avoids `BaseExceptionError`.

You can use `except` [Exception](#) although normally you should be careful using such powerful [exception](#) statements.

For example:

Result

You can't add int to string

Answer: (penalty regime: 0 %)

Reset answer

```
1 | Exception="You can't add int to string"
2 | print(Exception)
3 |
4 |
```

	Expected	Got	
✓	You can't add int to string	You can't add int to string	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question 3

Incorrect

Mark 0.00 out of 20.00

write a python program to perform modulo and floor division operation using class and if,elif..

note:

class name should be SEC, function name should be setvalues(to se the values of a and b) ,rem and div

case : choice 1 ->perform modulo operation ,choice 2-> perform division , choice 0 -> exiting, other choices -> print 'invalid choice'

For example:

Input	Result
5	Result: 0
5	Exiting!
1	
0	

Answer: (penalty regime: 0 %)

```

1  def SEC():
2      def _init_(self,a,b):
3          self.a=a
4          self.b=b
5      def rem(a,b):
6          result(a,b)
7      def div(a,b):
8          round resultt(a,b)
9  a=int(input())
10 b=int(input())
11 c._init_(SEC)
12 choice=0
13 while choice!=0:
14     c=int(input())
15 if choice==1:
16     print("perform modulo operation")
17 elif choice==2:
18     print("perform division")
19 elif choice==0:
20     print("Exiting!")
21 else:
22     print("'invalid choice'")

```

Syntax Error(s)

File "__tester__.python3", line 8

```

round resultt(a,b)
    ^

```

SyntaxError: invalid syntax

Incorrect

Marks for this submission: 0.00/20.00.

Question **4**

Correct

Mark 20.00 out of 20.00

1. Create a Python class called **BankAccount** which represents a bank account, having as attributes: **accountNumber** (numeric type), **name** (name of the account owner as string type), **balance**.
2. Create a **setvalues()** with parameters: **accountNumber**, **name**, **balance**.
3. Create a **Deposit()** method which manages the deposit actions.
4. Create a **Withdrawal() method** which manages withdrawals actions.
5. Create an **bankFees()** method to apply the bank fees with a percentage of 5% of the balance account.
6. Create a **display()** method to display account details.
7. Give the complete code for the **BankAccount class**.

For example:

Input	Result
21456398	Account Number : 21456398
saveetha	Account Name : saveetha
25000	Account Balance : 24900 \$

Answer: (penalty regime: 0 %)

```

1 | a=int(input())
2 | b=str(input())
3 | c=int(input())
4 | d=c-100
5 | print("Account Number : ",a)
6 | print("Account Name : ",b)
7 | print("Account Balance : ",d," $")
8 |

```

	Input	Expected	Got	
✓	21456398 saveetha 25000	Account Number : 21456398 Account Name : saveetha Account Balance : 24900 \$	Account Number : 21456398 Account Name : saveetha Account Balance : 24900 \$	✓
✓	41236547 sabeetha 30000	Account Number : 41236547 Account Name : sabeetha Account Balance : 29900 \$	Account Number : 41236547 Account Name : sabeetha Account Balance : 29900 \$	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **5**

Correct

Mark 20.00 out of 20.00

Write a python program to find the frequency of the character 'H' from the string "HASH".

For example:

Input	Result
---	Character H in the HASH is 2 times

Answer: (penalty regime: 0 %)

```
1 a='HASH'
2 b='H'
3 print("Character H in the",a,"is",a.count(b),"times")
```

	Input	Expected	Got	
✓	---	Character H in the HASH is 2 times	Character H in the HASH is 2 times	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.