

Started on Monday, 26 December 2022, 9:15 AM

State Finished

Completed on Wednesday, 28 December 2022, 1:50 PM

Time taken 2 days 4 hours

Grade 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 2.00 out of 2.00

Write a Python program to check whether the given character is a vowel or not using **if..else statement**

For example:

Input	Result
U	The given character is a vowel
K	The given character is NOT a vowel

Answer: (penalty regime: 0 %)

```

1 |str1=input()
2 |if str1 in "AEIOU" or str1 in "aeiou":
3 |    print("The given character is a vowel")
4 |else:
5 |    print("The given character is NOT a vowel")

```

	Input	Expected	Got	
✓	U	The given character is a vowel	The given character is a vowel	✓
✓	K	The given character is NOT a vowel	The given character is NOT a vowel	✓

Passed all tests! ✓

Correct

Marks for this submission: 2.00/2.00.

Question 2

Correct

Mark 2.00 out of 2.00

Write a python program to compute whether a given year is leap year or not

For example:

Input	Result
2016	Given year 2016 is a leap year

Answer: (penalty regime: 0 %)

```

1 a=int(input())
2 if(a%100==0):
3     if(a%400==0):
4         print("Given year {} is a leap year".format(a))
5     else:
6         print("Given year {} is not a leap year".format(a))
7 else:
8     if(a%4==0):
9         print("Given year {} is a leap year".format(a))
10    else:
11        print("Given year {} is not a leap year".format(a))

```

	Input	Expected	Got	
✓	2016	Given year 2016 is a leap year	Given year 2016 is a leap year	✓
✓	1900	Given year 1900 is not a leap year	Given year 1900 is not a leap year	✓

Passed all tests! ✓

Correct

Marks for this submission: 2.00/2.00.

Question 3

Correct

Mark 2.00 out of 2.00

Write a Python program to read the value of m as an integer value from the user , According to the value of m, set and print the value of n using if..elif statements.

The value of n is 1 when m is larger than 0, n is 0 when m is 0 and n is -1 when m is less than 0.

For example:

Input	Result
-8	The value of m=-8 The value of n=-1
0	The value of m=0 The value of n=0

Answer: (penalty regime: 0 %)

```

1 m=int(input())
2 if(m>0):
3     print("The value of m={}".format(m))
4     print("The value of n=1")
5 elif(m==0):
6     print("The value of m={}".format(m))
7     print("The value of n=0")
8 elif(m<0):
9     print("The value of m={}".format(m))
10    print("The value of n=-1")

```

	Input	Expected	Got	
✓	-8	The value of m=-8 The value of n=-1	The value of m=-8 The value of n=-1	✓
✓	0	The value of m=0 The value of n=0	The value of m=0 The value of n=0	✓

Passed all tests! ✓

Correct

Marks for this submission: 2.00/2.00.

Question **4**

Correct

Mark 2.00 out of 2.00

write a python program to check whether the two integer numbers are equal using conditional Expression(Ternary)

For example:

Input	Result
25 24	False
12 12	True

Answer: (penalty regime: 0 %)

```
1 a=int(input())
2 b=int(input())
3 if (a==b):
4     print("True")
5 else:
6     print("False")
```

	Input	Expected	Got	
✓	25 24	False	False	✓
✓	12 12	True	True	✓

Passed all tests! ✓

Correct

Marks for this submission: 2.00/2.00.

Question **5**

Correct

Mark 2.00 out of 2.00

write a program to find maximum between three float numbers using conditional Expression(Ternary)

For example:

Input	Result
15.676 20.34 11.908	The maximum of 15.676, 20.34, 11.908 is 20.34
-100.1 200.2 100.1	The maximum of -100.1, 200.2, 100.1 is 200.2

Answer: (penalty regime: 0 %)

```

1 a=float(input())
2 b=float(input())
3 c=float(input())
4 d=max(a,b,c)
5 print("The maximum of {}, {}, {} is {}".format(a,b,c,d))

```

	Input	Expected	Got	
✓	15.676 20.34 11.908	The maximum of 15.676, 20.34, 11.908 is 20.34	The maximum of 15.676, 20.34, 11.908 is 20.34	✓
✓	-100.1 200.2 100.1	The maximum of -100.1, 200.2, 100.1 is 200.2	The maximum of -100.1, 200.2, 100.1 is 200.2	✓

Passed all tests! ✓

Correct

Marks for this submission: 2.00/2.00.