| | |
|---|---|
| **Started on** | Thursday, 15 September 2022, 2:38 PM |
| **State** | Finished |
| **Completed on** | Thursday, 15 September 2022, 2:44 PM |
| **Time taken** | 6 mins 28 secs |
| **Grade** | **5.00** out of 5.00 (**100**%) |

Question **1**

Correct

Mark 1.00 out of 1.00

Write a lambda function which takes z as a parameter and returns z*11 using python

**For example:**

| Input | Result |
|---|---|
| 18 | 198 |

**Answer:** (penalty regime: 0 %)

Reset answer

```
i=int(input())

f=lambda z:z*11

print(f(i))
```

| | Input | Expected | Got | |
|---|---|---|---|---|
| ✔ | 18 | 198 | 198 | ✔ |
| ✔ | 6 | 66 | 66 | ✔ |
| ✔ | 25 | 275 | 275 | ✔ |

Passed all tests! ✔

## Question author's solution (Python3):

```
i=int(input())

f=lambda z: z*11

print(f(i))
```

Correct

Marks for this submission: 1.00/1.00.

Question **2**

Correct

Mark 1.00 out of 1.00

Write a program in Python to calculate the value of the following expression by using lambda function.

The expression is -

```
(x / 10) * (y / 2) * z
```

**For example:**

| Input | Result |
|---|---|
| 4<br>3<br>2 | 1.2000000000000002 |

**Answer:** (penalty regime: 0 %)

Reset answer

```
x = int(input())
y = int(input())
z = int(input())
a=lambda x,y,z:(x/10)*(y / 2) * z
print(a(x, y, z))
```

| | Input | Expected | Got | |
|---|---|---|---|---|
| ✔ | 4<br>3<br>2 | 1.2000000000000002 | 1.2000000000000002 | ✔ |
| ✔ | 20<br>3<br>10 | 30.0 | 30.0 | ✔ |

Passed all tests! ✔

## Question author's solution (Python3):

```
x = int(input())
y = int(input())
z = int(input())

expr = lambda x, y, z: (x / 10) * (y / 2) * z
print(expr(x, y, z))
```

Correct

Marks for this submission: 1.00/1.00.

Question **3**

Correct

Mark 1.00 out of 1.00

Write a function which takes two arguments: a and b and returns the multiplication of them: a*b. Assign it to a variable named: f. using python

**For example:**

| Input | Result |
|---|---|
| 5<br>10 | 50 |

**Answer:** (penalty regime: 0 %)

Reset answer

```
i=int(input())
j=int(input())

f = lambda a,b:a*b

print(f(i, j))
```

| | Input | Expected | Got | |
|---|---|---|---|---|
| ✔ | 5<br>10 | 50 | 50 | ✔ |
| ✔ | 11<br>10 | 110 | 110 | ✔ |
| ✔ | 4<br>5 | 20 | 20 | ✔ |

Passed all tests! ✔

## Question author's solution (Python3):

```
i=int(input())
j=int(input())

f = lambda a, b: a*b

print(f(i, j))
```

Correct

Marks for this submission: 1.00/1.00.

Question **4**

Correct

Mark 1.00 out of 1.00

Write a python program to check whether the number '69' is even number is odd.

**For example:**

| Input | Result |
|---|---|
| 28 | 28 is even |

**Answer:** (penalty regime: 0 %)

Reset answer

```
a=int(input())
if a%2==0:
    print(f"{a} is even")
else:
    print(f"{a} is odd")
```

| | Input | Expected | Got | |
|---|---|---|---|---|
| ✔ | 28 | 28 is even | 28 is even | ✔ |
| ✔ | 69 | 69 is odd | 69 is odd | ✔ |

Passed all tests! ✔

## Question author's solution (Python3):

```
result = lambda x : f"{x} is even" if x %2==0 else f"{x} is odd"
a=int(input())

print(result(a))

```

Correct

Marks for this submission: 1.00/1.00.

Question **5**

Correct

Mark 1.00 out of 1.00

Write a python program to check whether the number '24' is greater or equal or lesser than the number '45' or not

**For example:**

| Input | Result |
|---|---|
| 24<br>45 | 24 is smaller than 45 |

**Answer:** (penalty regime: 0 %)

Reset answer

```
a=int(input())
b=int(input())
if a<b :
    print(f"{a} is smaller than {b}")
elif a>b:
    print(f"{a} is greater than {b}")
else:
    print(f"{a} is equal to {b}")
```

| | Input | Expected | Got | |
|---|---|---|---|---|
| ✔ | 24<br>45 | 24 is smaller than 45 | 24 is smaller than 45 | ✔ |
| ✔ | 89<br>100 | 89 is smaller than 100 | 89 is smaller than 100 | ✔ |
| ✔ | 12<br>23 | 12 is smaller than 23 | 12 is smaller than 23 | ✔ |

Passed all tests! ✔

## Question author's solution (Python3):

```
result = lambda x,y : f"{x} is smaller than {y}" if x < y else (f"{x} is greater than {y}" if x > y
a=int(input())
b=int(input())

# print for numbers
print(result(a, b))
```

Correct

Marks for this submission: 1.00/1.00.