

functions.py X

functions.py > ...

```
1  #1st question
2  #len() function return the length of an object.
3  example=[2,3,4,5,6,7,8]
4
5  length=len(example)
6  print("Length of the list is:",length)
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

SQL CONSOLE

SEARCH ERROR

Microsoft Windows [Version 10.0.22631.4602]

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Open file in editor (ctrl + click)

C:\Users\karun\Desktop\python>C:/Users/karun/AppData/Local/Programs/Python/Python

Length of the list is: 7

```
8  #2nd question
9  def greet(name):
10     print("Hello, " + name)
11
12  greet("karun")
```

PROBLEMS

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DEBUG CONSOLE

TERMINAL

PORTS

```
C:\Users\karun\Desktop\python>C:/Users/karun/AppData/
Hello, karun
```

```
16
17 example=[2,3,4,5,6,77]
18 def find_maximum(numbers):
19     largest=example[0]
20     for num in example:
21         if num>largest:
22             largest=num
23     print(largest)
24
25
26 print(find_maximum(example))
27
```

PROBLEMS

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SEARCH ENGINE

C:\Users\karun\Desktop\python>C:/Users/karun/AppData/Local/Programs/Python

```
27
28 #4th question
29 """local variables are declared inside functions whereas global variables are declared outside functions."""
30
31 a=20
32
33 def exmp():
34     a=40
35     print("Local variable a:",a)
36
37 exmp()
38 print("Global variable a:",a)
```

PROBLEMS

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SQL CONSOLE

SEARCH ERROR

C:\Users\karun\Desktop\python>C:/Users/karun/AppData/Local/Programs/Python/Python311/python.exe c:/Users/karun/Desktop/python/function.py

Local variable a: 40

Global variable a: 20

```
39
40 #5th question
41
42 def calculate_area(length, width=5):
43     return length * width
44
45
46 print("with width 6: ",calculate_area(10,6))
47
48 print("without width: ",calculate_area(10))
```

PROBLEMS

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SEARCH

C:\Users\karun\Desktop\python>C:/Users/karun/AppData/Local/Programs/Python

with width 6: 60

without width: 50