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Python Workshop Series

Department of Computer Science – OUSL

Activity 06

The activity given is as follows.

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1. Write a Python function that takes two numbers as arguments and returns their sum.
2. Write a function that checks if a number is even or odd.

1.

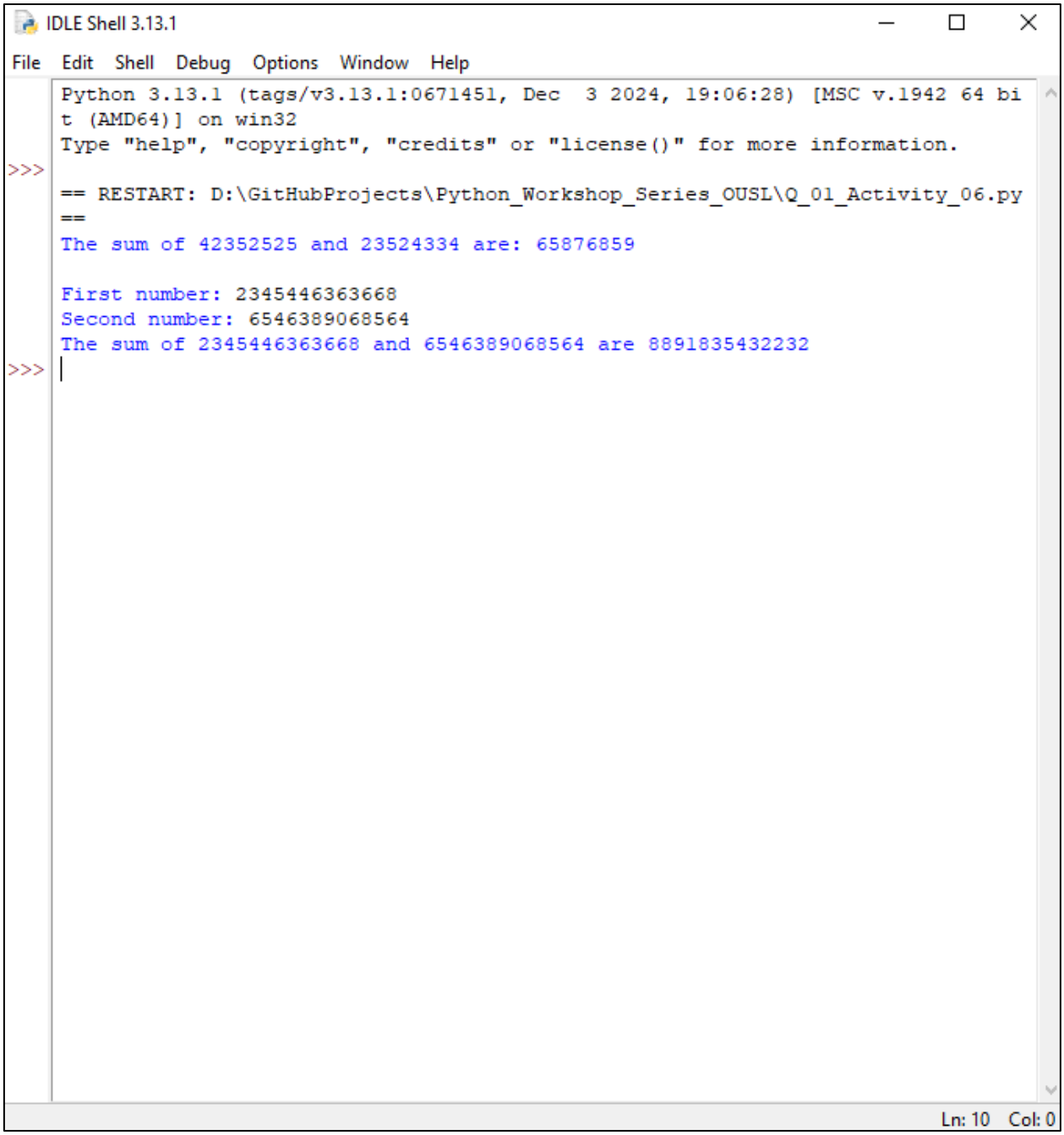
```
#21/1/2025
#This is in response to the Q1 of activity 6.
#All rights reserved

#The function is defined
def summing_machine(num1, num2): #Take two arguments as num1, num2

   The_output = num1 + num2 #Summing process

   return The_output #returns the sum

#Testing
print(f"The sum of 42352525 and 23524334 are:
{summing_machine(42352525,23524334)}\n")

#Further improvements
input1 = int(input("First number: "))
input2 = int(input("Second number: "))

print(f"The sum of {input1} and {input2} are {summing_machine(input1,input2)}")
```

Q_01_Activity_06.py - D:\GitHubProjects\Python_Workshop_Series_OUSL\Q_01_Activity_06.py (3...

File Edit Format Run Options Window Help

```
#21/1/2025
#This is in response to the Q1 of activity 6.
#All rights reserved

#The function is defined
def summing_machine(num1, num2): #Take two arguments as num1, num2

    The_output = num1 + num2 #Summing process

    return The_output #returns the sum

#Testing
print(f"The sum of 42352525 and 23524334 are: {summing_machine(42352525,23524334)}")

#Further improvements
input1 = int(input("First number: "))
input2 = int(input("Second number: "))

print(f"The sum of {input1} and {input2} are {summing_machine(input1,input2)}")
```

Ln: 20 Col: 0


IDLE Shell 3.13.1
File Edit Shell Debug Options Window Help
Python 3.13.1 (tags/v3.13.1:0671451, Dec 3 2024, 19:06:28) [MSC v.1942 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
== RESTART: D:\GitHubProjects\Python_Workshop_Series_OUSL\Q_01_Activity_06.py ==
The sum of 42352525 and 23524334 are: 65876859
First number: 2345446363668
Second number: 6546389068564
The sum of 2345446363668 and 6546389068564 are 8891835432232
>>>
Ln: 10 Col: 0

2.

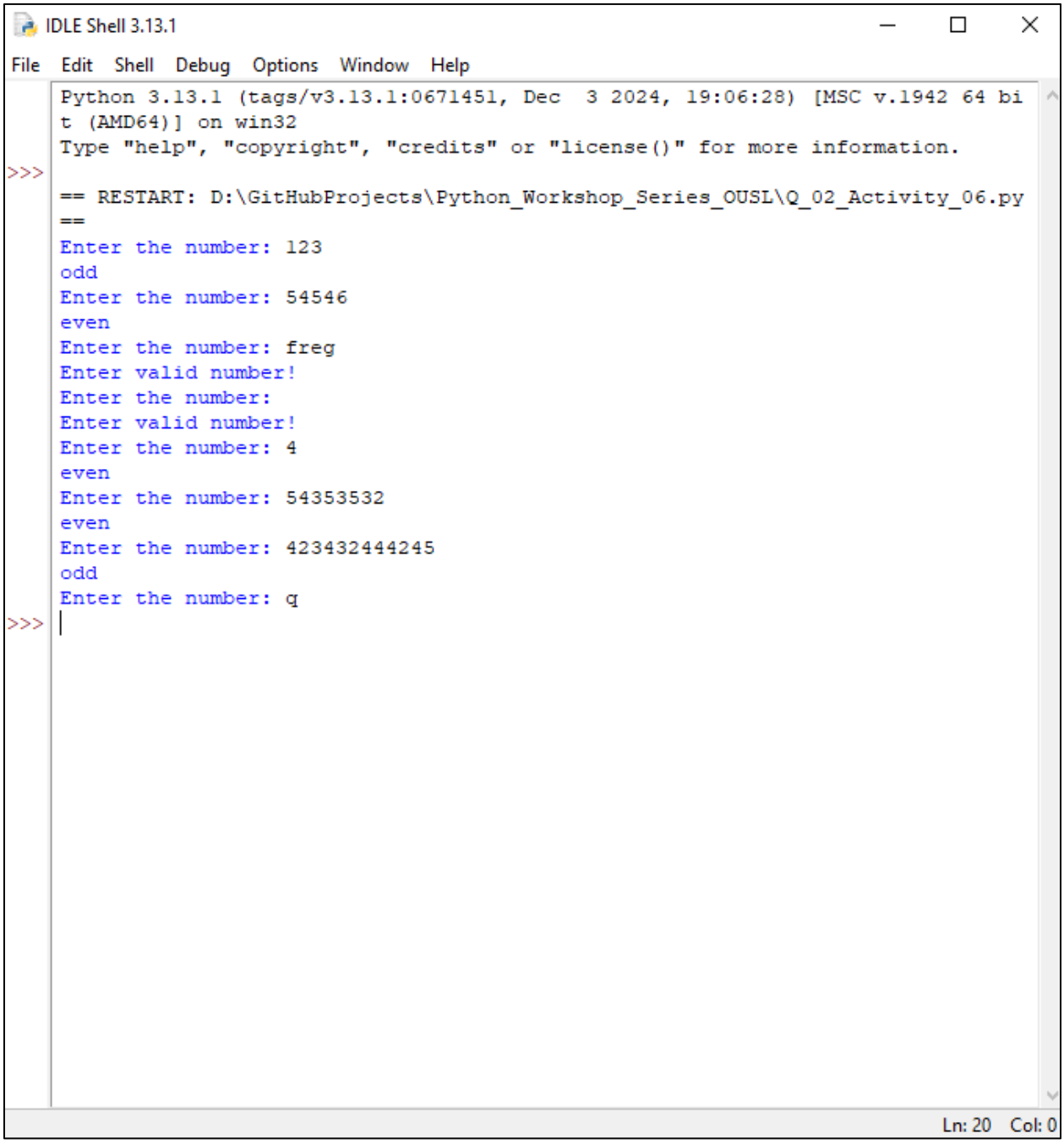
```
#21/1/2025
#This is in response to the Q2 of activity 6.
#All rights reserved.

#The function is defined
def even_odd_inspector(num_guy):
    if num_guy%2 == 0:
        return "even"
    elif num_guy%2 == 1:
        return "odd"

#Recurring process
while True:
    try:
        input_number = input("Enter the number: ")
        input_number_int = int(input_number)
        result = even_odd_inspector(input_number_int)
        print(result)

    except:

        if input_number == "q" or input_number == "Q":
            break
        print("Enter valid number!")
```

Q_02_Activity_06.py - D:\GitHubProjects\Python_Workshop_Series_OUSL\Q_02_Activity_06.py (3...

File Edit Format Run Options Window Help

```python
#21/1/2025
#This is in response to the Q2 of activity 6.
#All rights reserved.

#The function is defined
def even_odd_inspector(num_guy):
    if num_guy%2 == 0:
        return "even"
    elif num_guy%2 == 1:
        return "odd"

#Recurring process
while True:
    try:
        input_number = input("Enter the number: ")
        input_number_int = int(input_number)
        result = even_odd_inspector(input_number_int)
        print(result)

    except:

        if input_number == "q" or input_number == "Q":
            break
        print("Enter valid number!")
```

Ln: 14 Col: 0


IDLE Shell 3.13.1
File Edit Shell Debug Options Window Help
Python 3.13.1 (tags/v3.13.1:0671451, Dec 3 2024, 19:06:28) [MSC v.1942 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
== RESTART: D:\GitHubProjects\Python_Workshop_Series_OUSL\Q_02_Activity_06.py ==
Enter the number: 123
odd
Enter the number: 54546
even
Enter the number: freg
Enter valid number!
Enter the number:
Enter valid number!
Enter the number: 4
even
Enter the number: 54353532
even
Enter the number: 423432444245
odd
Enter the number: q
>>>
Ln: 20 Col: 0

Dear sir/madam, please visit repositories for more information:

https://github.com/loachana/Python_Workshop_Series_OUSL.git