

Experiment no – 01 (D)

Aim: Write a function that reverses the user defined value.

Theory: -

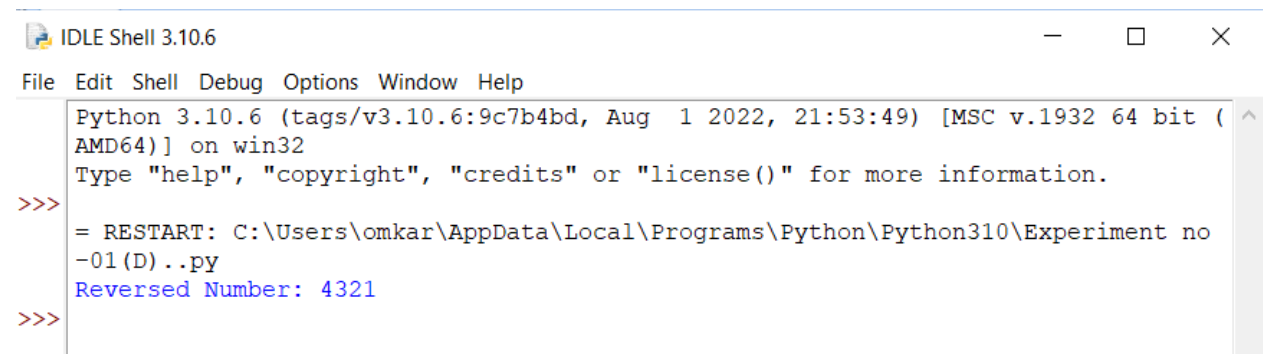
Practical Implementation:-

Code:-

```
num = 1234
reversed_num = 0

while num != 0:
    digit = num % 10
    reversed_num = reversed_num * 10 + digit
    num //= 10

print("Reversed Number: " + str(reversed_num))
```

Output:A screenshot of the IDLE Shell 3.10.6 window. The window title is "IDLE Shell 3.10.6". The menu bar includes "File", "Edit", "Shell", "Debug", "Options", "Window", and "Help". The shell area shows the following text: "Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug 1 2022, 21:53:49) [MSC v.1932 64 bit (AMD64)] on win32", "Type 'help', 'copyright', 'credits' or 'license()' for more information.", followed by a prompt ">>>". The user has entered a command that has been restarted, showing the file path "C:\Users\omkar\AppData\Local\Programs\Python\Python310\Experiment no -01(D) ..py". The output of the program is displayed as "Reversed Number: 4321".

```
IDLE Shell 3.10.6
File Edit Shell Debug Options Window Help
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug 1 2022, 21:53:49) [MSC v.1932 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\omkar\AppData\Local\Programs\Python\Python310\Experiment no -01(D) ..py
Reversed Number: 4321
>>>
```

Conclusion : This is program successfully run.