Aim: Write the program for the following: (by using control statements and control structure)

(D). Write a function that reverses the user defined value
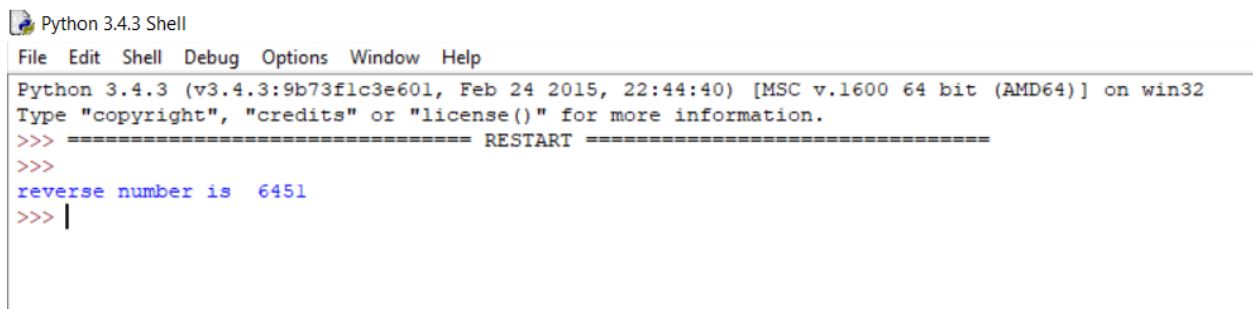
Theory: -

Practical Implementation:-

```
# python program to reverse a number using while loop by using function


def reverse_number (number):

    reverse = 0

    while (number > 0):

        reminder = number %10

        reverse = (reverse *10) + reminder

        number = number //10

    print("reverse number is ", reverse)

reverse_number(1546)
```

output:-

Python 3.4.3 Shell

File Edit Shell Debug Options Window Help

```
Python 3.4.3 (v3.4.3:9b73f1c3e601, Feb 24 2015, 22:44:40) [MSC v.1600 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>> ============================= RESTART ================================
>>>
reverse number is  6451
>>> |
```

Conclusion: