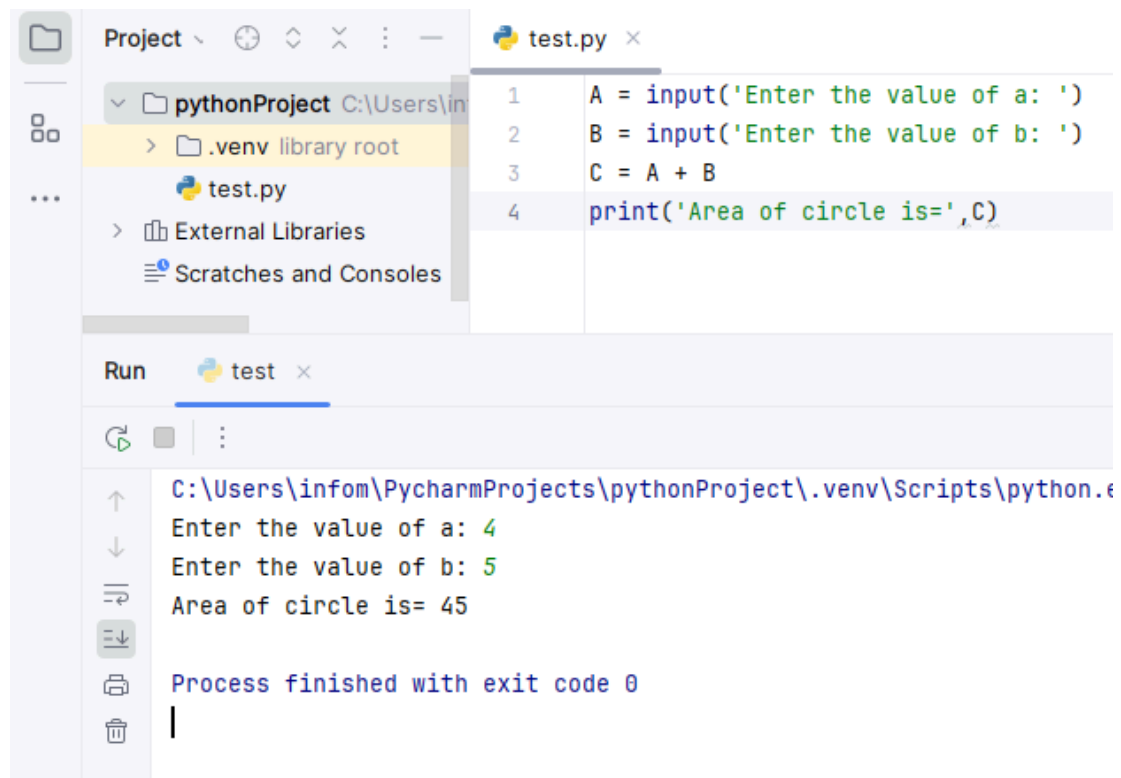


## Experiment No : 01

Experiment Name : Implement the program of adding two numbers using python.



The screenshot shows the PyCharm IDE interface. The left sidebar displays the project structure for 'pythonProject' located at 'C:\Users\infom\PycharmProjects\pythonProject'. It includes a '.venv' library root and a 'test.py' file. The main editor window shows the code in 'test.py':

```
1 A = input('Enter the value of a: ')
2 B = input('Enter the value of b: ')
3 C = A + B
4 print('Area of circle is=',C)
```

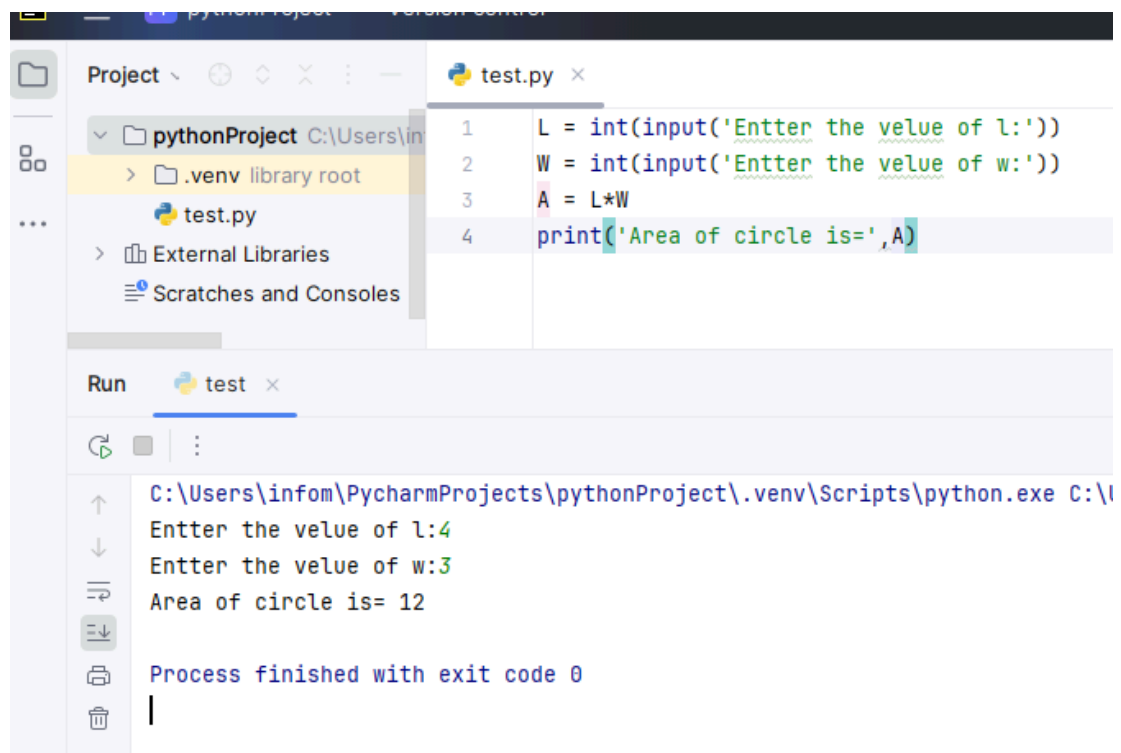
Below the editor, the 'Run' tab is active, showing the execution output:

```
C:\Users\infom\PycharmProjects\pythonProject\.venv\Scripts\python.exe C:\Users\infom\PycharmProjects\pythonProject\test.py
Enter the value of a: 4
Enter the value of b: 5
Area of circle is= 45

Process finished with exit code 0
```

## Experiment No : 02

Experiment Name : Determine the area of rectangular by using python program.



The screenshot shows the PyCharm IDE interface. The left sidebar displays the project structure for 'pythonProject' located at 'C:\Users\infom\PycharmProjects\pythonProject'. It includes a '.venv' library root and a 'test.py' file. The main editor window shows the code in 'test.py':

```
1 L = int(input('Enter the value of l:'))
2 W = int(input('Enter the value of w:'))
3 A = L*W
4 print('Area of circle is=',A)
```

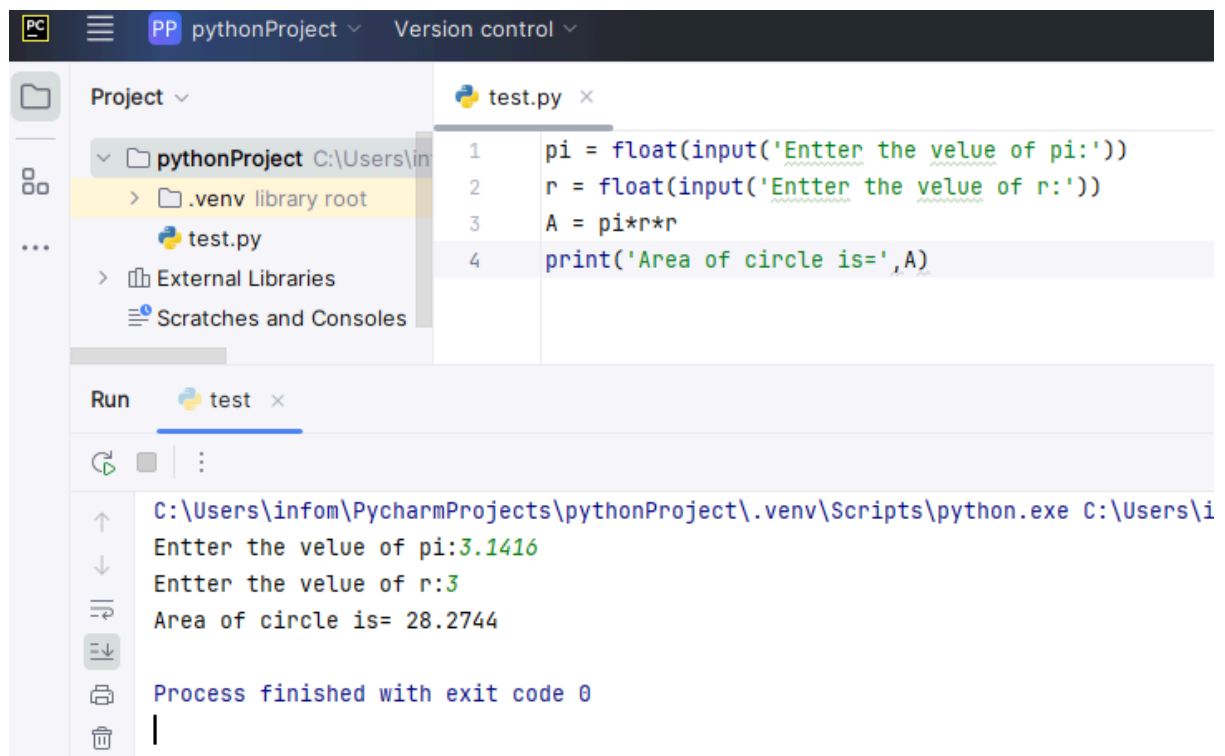
Below the editor, the 'Run' tab is active, showing the execution output:

```
C:\Users\infom\PycharmProjects\pythonProject\.venv\Scripts\python.exe C:\Users\infom\PycharmProjects\pythonProject\test.py
Enter the value of l:4
Enter the value of w:3
Area of circle is= 12

Process finished with exit code 0
```

## Experiment No : 03

Experiment Name : Determine the area of rectangular by using python program.



The screenshot displays the PyCharm IDE interface. The top bar shows the project name 'pythonProject' and 'Version control'. The left sidebar contains a 'Project' view showing the file structure: 'pythonProject' (C:\Users\in\), '.venv library root', 'test.py', 'External Libraries', and 'Scratches and Consoles'. The main editor window shows the code for 'test.py' with line numbers 1 to 4. The code is as follows:

```
1 pi = float(input('Enter the velue of pi:'))
2 r = float(input('Enter the velue of r:'))
3 A = pi*r*r
4 print('Area of circle is=',A)
```

Below the editor, the 'Run' tab is active, showing the execution output. The command prompt shows the execution of the Python script, with user input for pi and r, and the resulting area calculation.

```
C:\Users\infom\PycharmProjects\pythonProject\.venv\Scripts\python.exe C:\Users\i
Enter the velue of pi:3.1416
Enter the velue of r:3
Area of circle is= 28.2744

Process finished with exit code 0
|
```