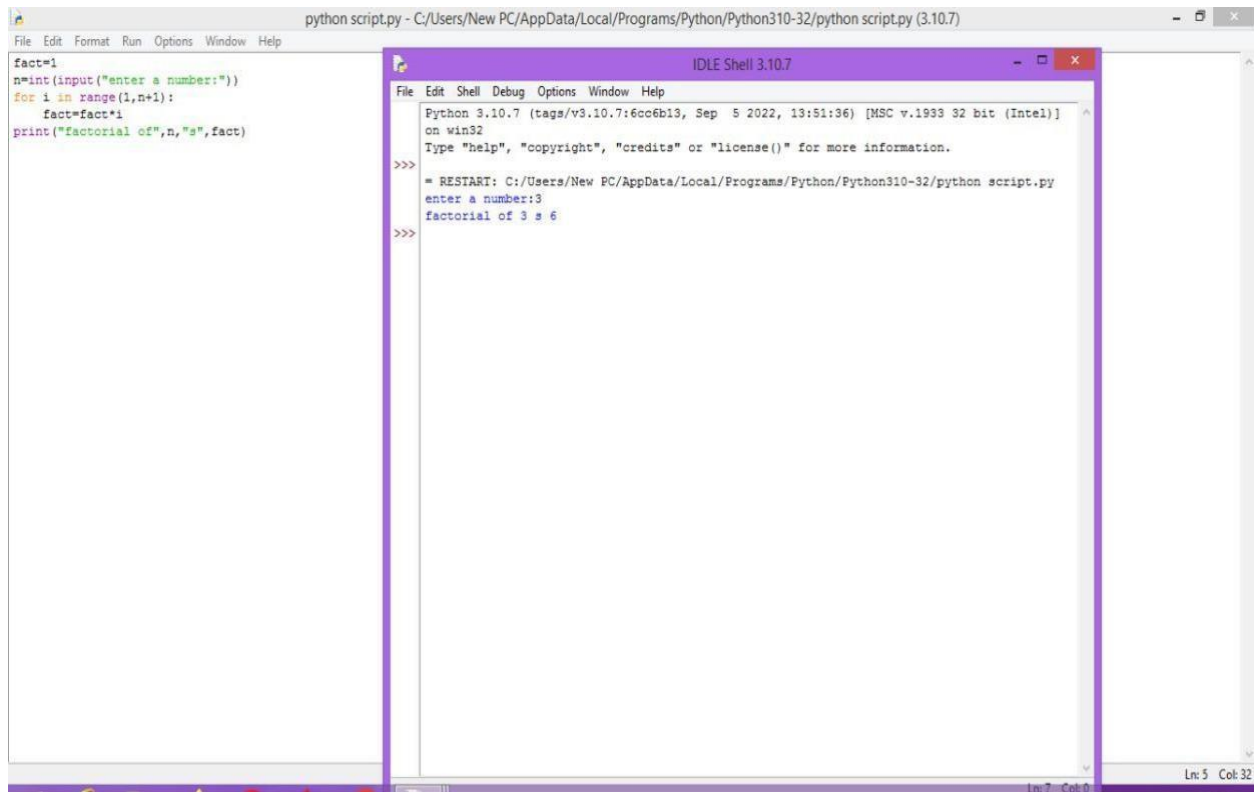


Develop python script

Team I'd	PNT2022TMID41127
Project name	Smart waste management for metropolitan cities



The image shows a screenshot of a Python script in an IDE. The script is titled 'python script.py' and is located at 'C:/Users/New PC/AppData/Local/Programs/Python/Python310-32/python script.py (3.10.7)'. The script calculates the factorial of a number entered by the user. The code is as follows:

```
fact=1
n=int(input("enter a number:"))
for i in range(1,n+1):
    fact=fact*i
print("factorial of",n,"=",fact)
```

The IDE window also shows the 'IDLE Shell 3.10.7' output, which displays the following text:

```
Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 13:51:36) [MSC v.1933 32 bit (Intel)]
on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Users/New PC/AppData/Local/Programs/Python/Python310-32/python script.py
enter a number:3
factorial of 3 = 6
>>>
```

The status bar at the bottom right indicates 'Ln: 5 Col: 32'.