Practical

(a) Write a python script to demonstrate function with return value

```
#celsius to fahrenheit
def convert(t):
    return t*9/5+32
print("temp in f:", convert(40))
```

```
= RESTART: C:/Users/student
temp in f: 104.0
>>>
```

(b) Write a python script to demonstrate function with arbitrary argument.

```
== RESTART: C:/Us
hi yug
hi yatharth
hi yuv
>>>
```

```
#greeting
def greet(*studentname):

    for name in studentname:
        print("hi",name)

greet('yug' , 'yatharth' , 'yuv')
```

(c) Write a python script to demonstrate recursive function.

```
please eneter number for factorial5
120
>>>
```

4561hhn.py - C:/Users/student/AppData/Local/Programs/Python/Python310/4561hh

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```
def factorial(x):
    if x==1:
        return 1
    else:
        return (x * factorial (x-1))

number=int(input("please eneter number for factorial"))
print(factorial(number))
```

(d) Write a python script to demonstrate map() in function