

### 3.Program to print pattern

#### pattern 1 :

```
In [2]: def pattern(n):
        for i in range(1,n+1):
            print("*" * i)
        n = int(input("Enter number of rows:"))
        pattern(n)
```

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```

#### pattern 2 :

```
In [4]: def pattern(n):
        for i in range(n):
            print("*" * n)
        n = int(input("Enter the size of the square : "))
        pattern(n)
```

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```

### 4.Program to find factorial of number

```
In [10]: def fact(n):
        fact =1
        for i in range(1,n+1):
            fact *=i
        return fact
        n=int(input("Enter value of n: "))
        print(fact(n))
```

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In [ ]:
```