

```
# 3.different patten
for i in range(1,6):
    for j in range(1,6):
        if(j<=i):
            print("*",end="")
            if(i==j):
                print("\n")
```

*

**

```
#factorial of number
def fact(n):
    if(n==1):
        return 1
    elif(n>1):
        return n*fact(n-1)
n=int(input("enter no"))
fact(n)
```

enter no 5

120