program to print different patterns

In [29]:
```python
r = int(input("enter number of row : "))
for i in range(1, r + 1):
        print("*" * i)
```

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```

program to print factorial of given number

In [30]:
```python
def fact(n):
    if n==0:
        return 1
    return n * fact(n-1)
n = int(input("enter value of n: "))
print(fact(n))
```

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In [ ]:

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