

Assignment No.06

Q.1.#write a program to print following pattern

```
for i in range(1,7):
    for j in range(1,6):
        if(j==1 or i==6 or i==1 or j==5):
            print("*",end=" ")
        else:
            print(" ",end=' ')
    print()
```

Q.2num=1

```
for i in range(1,5):
    for j in range(1,i+1):
        print(num,end=" ")
        num+=1
    print()
```

Q.3.for i in range(4):

```
print(' *(4-i),end=' ')
number=1
for j in range(i+1):
    print(number,end=' ')
    number=number*(i-j)//(j+1)
print()
```

Q.4.for i in range(1,6):

```
for j in range(1,i+1):
    print(chr(64+j),end=' ')
print()
```

Q.5.for i in range(1,6):

```
for j in range(5-i):
    print(" ",end="")
for k in range(2*i-1):
    print("*",end="")
```

```
print()
```

Q.6.for i in range(1,6):

for j in range(5-i):

print(" ",end=" ")

for j in range(2*i-1):

print(j+1,end=" ")

print()

Q.7.for i in range(1,5+1):

for j in range(5-i):

print(" ",end=" ")

for j in range(2*i-1):

print(chr(64+j+1),end=" ")

print()