DAY-13

SEPTEMBER-22

1. Write a program to print the pattern

```
CODE:
           for
                  i
                      in
                 for j in
range(1,6,1):
range(5,i,-1):
                 print("
",end="")
                for k in
range(1,i+1,1):
print("*",end="
                      ")
print()
OUTPUT:
                  Manual tracing: i = 1,2,3,4,5
Whenever i=1
j=(5,i,-1)=5,4,3,2
k=(1,i+1,1)=1 it prints 4
```

```
spaces and 1 star. For i=2
j=5,4,3 k=2
For i=3 j=5,4 k=3
For i=4 j=5 k=4
For i=5 j=0 k=5
2. Write a program to print
* Code: for i in range(1,6,1): for j in
  range(1,i+1,1): print("*",end=" ")
  print()
for x in range(1,5,1):
for y in range(5,x,-1):
print("*",end=" ")
print() Output:
```

```
*

* * *

* * * *

* * * *

* * * *

* * *
```

3. Write a program to print

```
for j in range(4,0,-1):
print("*"*j,end="") print("
"*(2*(5-j)),end="")
print("*"*j,end="")
print("")
```