



Pattern-96:

```
1) n=int(input("Enter a number:"))
2) for i in range(1,n+1):
3)     for j in range(1,i+1):
4)         if (i%2!=0 and j%2!=0)or(i%2==0 and j%2==0):
5)             print("1",end=" ")
6)         else:
7)             print("0",end=" ")
8)     print()
```

```
1
0 1
1 0 1
0 1 0 1
1 0 1 0 1
0 1 0 1 0 1
1 0 1 0 1 0 1
```

Pattern-97:

```
1) num=int(input("Enter a number:"))
2) for i in range(1,num+1):
3)     print(" *(2*num-i+3),end=")
4)     for j in range(1,i+1):
5)         print("*",end=" ")
6)     print()
7) for i in range(1,num+3):
8)     print(" *(2*num-i+1),end=")
9)     for j in range(-1,i+1):
10)        print("*",end=" ")
11)    print()
12) for i in range(1,num+5):
13)    print(" *(2*num-i),end=")
14)    for j in range(-2,i+1):
15)        print("*",end=" ")
16)    print()
17) for i in range(1,num+3):
18)    print(" *((2*num)),end=")
19)    print("* *3)
```