

15.To write the program Swap of two numbers

```
#15.Swap two numbers
x=int(input())
y=int(input())
x,y=y,x
print("x=",x,"y=",y)
```

16.To write a program of square root

```
#16.square root
n=float(input())
print("square root:",n**0.5)
```

17.To check the given string is palindrome or not

```
#17.check palindrome string
s=input()
if s.lower()==s.lower()[::-1]:
    print("Palindrome string")
else:
    print("Not palindrome string")
```

18.To print the Pattern of Right Triangle

```
#18.Right triangle pattern
r=int(input())
for i in range(r,0,-1):
    print("*" * i)
```

19.To print the pattern of pyramid

```
#19.Pyramid pattern
r=int(input())
for i in range(1,r+1):
    print(" " * (r-i) + "*" * (2*i-1))
```

20.To print the number pattern

```
#20.Number pattern
n=int(input())
for i in range(1,n+1):
    for j in range(1,i+1):
        print(j,end=" ")
    print()
```