

1. Write a recursive python function to print first N natural numbers.

```
a=int(input("enter a number"))
def Nnatural(n):
    if n>0:
        Nnatural(n-1)
    print(n)
Nnatural(a)
```

2. Write a recursive python function to print first N natural numbers in reverse order.

```
a=int(input("enter a number"))
def Nnatural(n):
    if n>0:
        print(n)
        Nnatural(n-1)
Nnatural(a)
```

3. Write a recursive python function to print first N odd natural numbers.

```
a=int(input("enter a number"))
def Nnatural(n):
    if n>0:
        Nnatural(n-1)
        print(2*n-1)
Nnatural(a)
```

4. Write a recursive python function to print first N odd natural numbers in reverse order.

```
a=int(input("enter a number"))
def Nnatural(n):
    if n>0:
        print(2*n-1)
        Nnatural(n-1)
Nnatural(a)
```

5. Write a recursive python function to print first N even natural numbers.

```
a=int(input("enter a number"))
```

```
def Nnatural(n):
    if n>0:
        Nnatural(n-1)
    print(2*n)
Nnatural(a)
```

6. Write a recursive python function to print first N even natural numbers in reverse order.

```
a=int(input("enter a number"))
def Nnatural(n):
    if n>0:
        print(2*n)
        Nnatural(n-1)
Nnatural(a)
```

7. Write a recursive python function to print squares of first N natural numbers.

```
a=int(input("enter a number"))
def Nnatural(n):
    if n>0:
        Nnatural(n-1)
        print(n**2)
Nnatural(a)
```

8. Write a recursive python function to print cubes of first N natural numbers.

```
a=int(input("enter a number"))
def Nnatural(n):
    if n>0:
        Nnatural(n-1)
        print(n**3)
Nnatural(a)
```

9. Write a recursive python function to print first N multiples of a given number.

```
a=int(input("enter a number"))
def Nnatural(n):
    if n>0:
        Nnatural(n-1)
        print(n*a)
Nnatural(a)
```

10. Write a recursive python function to print a number in reverse order.

```
x=int(input("enter the number"))
def reverse(n):
    a=0
    while n>0:
        b=n%10
        a=a*10+b
        n=n//10
    print(a)
reverse(x)
```