def natural_evennum(n):

if n>0:

1. Write a recursive python function to print first N natural numbers. def natural num(n): if n>0: natural num(n-1) print(n) n=int(input("enter the number ")) natural num(n) 2. Write a recursive python function to print first N natural numbers in reverse order. def natural num(n): if n>0: print(n) natural num(n-1) n=int(input("enter the number ")) natural num(n) 3. Write a recursive python function to print first N odd natural numbers. def natural oddnum(n): if n>0: natural oddnum(n-1) $print((\overline{2}*n)-1)$ n=int(input("enter the number ")) natural oddnum(n) 4. Write a recursive python function to print first N odd natural numbers in reverse order. def natural oddnum(n): if n>0: print((2*n)-1)natural oddnum(n-1) n=int(input("enter the number ")) natural oddnum(n) 5. Write a recursive python function to print first N even natural numbers.

```
natural evennum(n-1)
    print((2*n))
n=int(input("enter the number "))
natural evennum(n)
6. Write a recursive python function to print first N even natural numbers in reverse order.
def natural evennum(n):
  if n>0:
    print((2*n))
    natural evennum(n-1)
n=int(input("enter the number "))
natural_evennum(n)
7. Write a recursive python function to print squares of first N natural numbers.
def square num(n):
  if n>0:
    square num(n-1)
    print((n**2))
n=int(input("enter the number "))
square num(n)
8. Write a recursive python function to print cubes of first N natural numbers.
def square num(n):
  if n>0:
    square num(n-1)
    print((n**3))
n=int(input("enter the number "))
square num(n)
9. Write a recursive python function to print first N multiples of a given number.
def n_mul(n1,n2):
  i=1
  while i \le n2:
    print(i*n1,end=" " )
    i+=1
  print()
def rec mul(n1,n2):
  n \text{ mul}(n1,n2)
n1=int(input("which number multiple you want \n"))
```

```
n2=int(input("how many times you want multiple of {} \n".format(n1))) rec_mul(n1,n2)
```

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

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