

A-19.py

A-10.py

A-9.py

A-11.py

{ launch.json

A0.py

project1.py







A-23.py

A-20.py

A-21.py > ...

```
1  # 1. Write a recursive python function to print first N natural numbers.
2  def natural(n):
3      if n>0:
4          natural(n-1)
5          print(n)
6  natural(10)
7  # 2. Write a recursive python function to print first N natural numbers in reverse order
8  def natural(n):
9      if n>0:
10         print(n)
11         natural(n-1)
12
13  natural(10)
14  # 3. Write a recursive python function to print first N odd natural numbers
15  def natural(n):
16      if n==1:
17         print(1)
18      else:
19         natural(n-1)
20         print((2*n)-1)
21  natural(5)
22
23  # 4. Write a recursive python function to print first N odd natural numbers in reverse order
24  def natural(n):
25      if n==1:
26         print(1)
27      else:
28         print((2*n)-1)
29         natural(n-1)
30  natural(5)
31  #5. Write a recursive python function to print first N even natural numbers.
32  def natural(n):
33      if n>1:
34         natural(n-1)
35         print((2*n)-2)
36  natural(10)
```

0.py

 A-9.py A-11.py launch.json A0.py project1.py A-23.p

```
def printEven(n):  
    if n <= 0:  
        return  
    print((2*n)-2)  
    printEven(n-1)
```

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

```
def printEven(n):  
    if n <= 0:  
        return  
    print((2*n)-2)  
    printEven(n-1)
```

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

```
def printSquares(n):  
    if n <= 0:  
        return  
    printEven(n-1)  
    print(n**2)
```

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

```
def printCubes(n):  
    if n <= 0:  
        return  
    printEven(n-1)  
    print(n**3)
```

```
):
```

```
n-1)
```

```
*3)
```

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

```
):
```

```
n-1)
```

```
a)
```

recursive python function to print a number in reverse order.

```
, r):
```

```
n r
```

```
n reverse(n//10, r*10 + n%10)
```

```
input("Enter number: ")
```

```
er = reverse(number,0)
```

```
d_number)
```