Ex.No: 3b Date:	**NUMBER SERIES** (*1,2,8,16,32...n*)

AIM:

To write a python program to calculate the number series.

ALGORITHM:

1. Start the program.
2. Set i as 1.
3. Set n value as greater than i.
4. Display the series as multiplied by two.
5. Stop the program.

Program:

```python
n=int(input("Enter the range of
number(Limit):"))
i=1
while i<=n:
print (i)
i*=2
```

OUTPUT:

Enter the range of number(Limit):5

1

2

4

RESULT:

Thus the python program to calculate number series is executed.