

```

1 // WAP that print the following using looping stat.
2 /* a      1, 2, 6 ,24, 120      a=a*b
   b      *2 *3 *4 *5      b=b+1
3 */
4 void main()
5 {
6     long int a=1, b=2, i, n, sum=0;
7     clrscr();
8     printf("Enter n:");
9     scanf("%ld",&n);
10
11     for(i=1;i<=n;i++)
12     {
13         printf("%ld\t",a);
14         sum=sum+a;
15         a=a*b;
16         b++;
17     }
18     printf("\n Sum = %ld",sum);
19     printf("\n");
20     1  2  4  8  16
21     *2 *2 *2 *2
22     a=1;
23     for(i=1;i<=n;i++)
24     {
25         printf("%ld\t",a);
26         a=a*2;
27     }
28
29     getch();
30 }
31

```