```c
// WAP that print the following using looping stat.
/*   a     1, 2, 6 ,24, 120                    a=a*b
     b        *2 *3 *4   *5                     b=b+1
*/
void main()
{
        long int a=1, b=2, i, n, sum=0;
        clrscr();
        printf("Enter n:");
        scanf("%ld",&n);

        for(i=1;i<=n;i++)
        {
                printf("%ld\t",a);
                sum=sum+a;
                a=a*b;
                b++;
        }
        printf("\n Sum = %ld",sum);
        printf("\n");
        1   2   4   8   16
        *2 *2 *2 *2
        a=1;
        for(i=1;i<=n;i++)
        {
                printf("%ld\t",a);
                a=a*2;
        }

                getch();
}
```