

```
/*C Program to find Factorial of a number */  
#include <stdio.h>  
#include <conio.h>  
void main()  
{  
    long int f=1, n;  
    printf("\n Enter a number: ");  
    scanf("%ld", &n);  
    for(int i=2; i<=n; i++)  
        f = f * i;  
    printf("\n Factorial = %ld", f);  
    getch();  
}
```

INPUT	OUTPUT
5	120

```
/*C Program To find sum of even numbers and odd numbers between given two numbers*/
```

```
#include <stdio.h>
```

```
#include <conio.h>
```

```
void main()
```

```
{
```

```
    int a, b, sodd=0, seven=0;
```

```
    printf("\n enter two numbers: ");
```

```
    scanf("%d %d", &a, &b);
```

```
    for(int i=a; i<=b; i++) {
```

```
        if((i % 2) == 0)
```

```
            seven += i;
```

```
        else
```

```
            sodd += i
```

```
    }
```

```
    printf("\n Sum of even = %d", seven);
```

```
    printf("\n Sum of odd = %d", sodd);
```

```
    getch();
```

```
}
```

INPUT	OUTPUT
5 10	Sum of even = 24 Sum of odd = 21

```
/*C Program To Print first 15 Fibonacci numbers*/
```

```
#include <stdio.h>  
#include <conio.h>
```

```
void main()  
{  
    int f1 = 1, f2 = 1, f3;  
    int count;  
    printf(" %d %d", f1, f2);  
    count=2;
```

```
while(count<15)  
{  
    f3 = f1 + f2;  
    printf(" %d", f3);  
    count++;  
    f1=f2;  
    f2=f3;  
}  
getch();  
}
```

OUTPUT

```
1 1 2 3 5 8 13 21 34 55 89 144 203 347 550
```