

```
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main(void){
5     int n, i;
6     long long fac; // Para numeros mas grandes cambiar por 'long double'
7
8     printf("Introduce un numero para calcular su factorial: ");
9     scanf("%d", &n);
10
11     /* BUCLE FOR */
12     fac = 1;
13     for(i = 1; i ≤ n; i++){
14         fac *= i;
15     }
16     printf("Factorial (bucle for): %lld\n\n", fac);
17
18     /* BUCLE WHILE */
19     fac = 1;
20     i = 1;
21     while(i ≤ n){
22         fac *= i;
23         i += 1;
24     }
25     printf("Factorial (bucle while): %lld\n\n", fac);
26
27     /* BUCLE DO-WHILE */
28     fac = 1;
29     i = 1;
30     do{
31         fac *= i;
32         i += 1;
33     }while(i ≤ n);
34     printf("Factorial (bucle do-while): %lld\n\n", fac);
35
36     printf("\n");
37     system("pause");
38     return 0;
39 }
40
```