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main.c

1#include <stdio.h>

2

3int factorial(int n) {

4if(n == 0 || n == 1)

5return 1;

6else

7return n * factorial(n - 1);

8}

9

10int main() {

11int num;

12

13printf("Enter a number: ");

14scanf("%d", &num);

15

16printf("Factorial of %d = %d", num, factorial(num));

17

18return 0;

19}

20

21

22

Run

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Output

Enter a number: 21

Factorial of 21 = -1195114496

=== Code Execution Successful ===

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main.c

1 #include <stdio.h>

2

3 int main() {

4 int n, i;

5

6 printf("Enter number of elements: ");

7 scanf("%d", &n);

8

9 int arr[n];

10

11 printf("Enter %d elements:\n", n);

12 for(i = 0; i < n; i++) {

13 scanf("%d", &arr[i]);

14 }

15

16 int largest = arr[0];

17 int smallest = arr[0];

18

19 for(i = 1; i < n; i++) {

20 if(arr[i] > largest) {

21 largest = arr[i];

22 }

23 if(arr[i] < smallest) {

24 smallest = arr[i];

25 }

26 }

27

28 printf("Largest element = %d\n", largest);

29 printf("Smallest element = %d\n", smallest);

30

31 return 0;

32 }

33

Run

Share

Clear

Output

Enter number of elements: 3

Enter 3 elements:

1 6 8

Largest element = 8

Smallest element = 1

=== Code Execution Successful ===

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