Lab Question 18: Display 5th Iterated Element

Aim:

To write a C program to display the 5th iterated element of an array.

Algorithm:

1. Start the program.

2. Read array elements.

3. Iterate elements.

4. If iteration count reaches 5, print that element.

5. Stop.

Code:

#include <stdio.h>

int main(){

   int arr[10]={5,10,15,20,25,30,35,40,45,50};

   if(10>=5)

     printf("5th iterated element: %d", arr[4]);

   else

     printf("Array too small");

   return 0;

}

Output:

- Array = [5,10,15,20,25] → 5th element = 25

Result:

The program prints the 5th iterated element of the array.