**TASK-01**

**EXPLANATION:**

Write a program that lets the user to enter 10 values into an array. The program should then display the largest and smallest value of the array. **INPUT:**

#include <iostream>

#include "abdullah"

#include <string>

using namespace std ;

int main ()

{

bool flag = true ;

while ( flag )

{

int array [10] ;

int maximum ;

int minimum ;

for ( int i = 0 ; i < 10 ; i++ )

{

cout << "Please enter element at index A." << i << " : " ;

while ( ! ( cin >> array[i] ) )

{

string error = "No character!!" ;

cin\_clear (error) ;

cout << "Please enter element at index A." << i << " : " ;

}

static int min = array [0] ;

static int max = array [0] ;

if ( min > array [i] )

min = array [i] ;

if ( max < array [i] )

max = array [i] ;

minimum = min ;

maximum = max ;

}

system("cls") ;

cout << "Elements entered by users are : " ;

cout << endl ;

for ( int i = 0 ; i < 10 ; i++ )

{

cout << array[i] << "\t";

}

cout << endl ;

system ("pause") ;

system ("cls") ;

cout << "The smallest value in the array is : " << minimum << endl ;

cout << "The largest value in the array is : " << maximum ;

flag = continuationLoop () ;

}

}

**OUTPUT:**







