**TASK-05**

**EXPLANATION:**

Write a program that will input an integer array. Your program will print the array after rotating the elements of array.

**INPUT:**

#include <iostream>

#include "abdullah"

using namespace std ;

int main ()

{

bool flag = true ;

while ( flag )

{

int elements ;

cout << "Please enter number of elements of array : " ;

while ( ! ( cin >> elements) )

{

cin\_clear () ;

cout << "Please enter number of elements of array : " ;

}

int factor ;

cout << "Please enter the rotating factor : " ;

while ( ! ( cin >> factor) )

{

cin\_clear () ;

cout << "Please enter the rotating factor : " ;

}

int array [elements] ;

for ( int x = 0 ; x < elements ; x++ )

{

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

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

{

cin\_clear () ;

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

}

}

system("cls") ;

cout << "Array before rotation : " << endl ;

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

{

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

}

cout << endl << endl << "Array after rotation : " << endl ;

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

{

cout << array [ ( i + factor ) % elements ] << "\t" ;

}

cout << endl ;

flag = continuationLoop () ;

}

}

**OUTPUT:**





