**41. Find the number of occurrences of a value in an array**

**PROGRAM:**

#include <iostream>

using namespace std;

int main()

{

int arr[] = { 2, 4, 5, 2, 4, 5, 2, 3, 8 };

int n = sizeof(arr) / sizeof(arr[0]);

int target = 2;

int counter = 0;

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

if (arr[i] == target) {

counter++;

}

}

cout << "Number " << target << " occurs " << counter

<< " times in the array.";

return 0;

}

**OUTPUT:**

