**Linear Search Algorithm**

**(C++)**

#include <iostream>

using namespace std;

int main()

{

const int SIZE = 5;

int myArr[SIZE] = {1, 10, 5, 3, 9}

return 0;

}

Int linearSearch(const int arr[], int size, int item)

{

Int index = 0;

Int pos = -1;

Bool found = false;

While(index < size && !found)

{

If(arr[index] == item)

{

Found = true;

Pos = index;

}

Index++;

}

Return pos;

}