

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     char B[7] = {'s','u','g','a','z','e','y'};
6     int check =0;
7     for (int i ='a'; i<='z'; i++)
8     {
9         if(i=='g')
10            cout<<"Element g is found successfully:"<<endl;
11        if(i!='m')
12            check = 1;
13    }
14    if (check == 1)
15        cout<<"Search is unsuccessfully:"<<endl;
16
17    return 0;
18 }
19
```

Unused variable 'B'

Element g is found successfully:  
Search is unsuccessfully:  
Program ended with exit code: 0

```
2 using namespace std;
3 /*Function to sort any array using
4 insertion sort*/
5 void insertionSort(int arr[],int n)
6 {
7     int i, key,j;
8     for(i= 1; i<n; i++)
9     {
10         key = arr[i];
11         j = i-1;
12         /*move element of arr[0..i-1],
13         that are greater then the key,to one position
14         ahead of their current position*/
15         {
16             while(j>=0 && arr[j]>key);
17             j=j-1;
18         }
19         arr[j+1]=key;
20     }
21 }
22 //A utility function to print an array of size n
23 void printArray(int arr[],int n)
24 {
25     int i;.
26     for(i=0; i<n; i++)
27         cout<<arr[i]<<" ";
```



```
        {
            while(j >= 0 && arr[j] > key);
            j = j - 1;
        }
        arr[j + 1] = key;
    }
}

//A utility function to print an array of
void printArray(int arr[], int n)
{
    int i;
    for(i = 0; i < n; i++)
        cout << arr[i] << " ";
    cout << endl;
}

/*Driver code*/
int main()
{
    int arr[] = {12, 11, 13, 5, 6};
    int n = sizeof(arr) / sizeof(arr[0]);
    insertionSort(arr, n);
    printArray(arr, n);
    return 0;
}
```

Sorted Array: 9 10 10 11 12 15

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Process exited after 0.6438 seconds with return value 0  
Press any key to continue . . .