Task #1

```cpp
#include <iostream>

using namespace std;

int main()

{

        char B[7]={'s','u','g','a','z','e','y'};

        int check=0;

        for (int i='a';i<='z';i++)

        {

                if(i=='g')

                cout<<"Element g is found successfully:"<<endl;

                if(i!='m')

                   check = 1;



        }

        if (check==1)

            cout<<"Search is unsuccesfully:"<<endl;

            return 0;

}
```

```
Element g is found successfully:
Search is unsuccesfully:

-------------------------------
Process exited after 0.1583 seconds with return value 0
Press any key to continue . . .
```

Task #2

```cpp
#include <iostream>

using namespace std;

int main()
{
        int A[]={15,10,12,11,9,10};

        int size=6;

        int key=0;

        int i;

        cout<<"Before sorting:"<<endl;

        for(int n=0;n<size;n++)

        {

                cout<<A[n]<<" ";



        }

        cout<<endl;

        for(int j=1;j<size;j++)
```

```cpp
        {
                key=A[j];

                i=j-1;

                while(i>=0&&A[i]>key)

                {

                        A[i+1]=A[i];

                        i=i-1;

                }

                A[i+1]=key;

        }

        cout<<"After sorting:"<<endl;

                for(int n=0;n<size;n++)

        {

                cout<<A[n]<<" ";

        }

        return 0;

}
```

```
Before sorting:
15 10 12 11 9 10
After sorting:
9 10 10 11 12 15
------------------------------
Process exited after 0.1384 seconds with return value 0
Press any key to continue . . .
```