Sample programs-

//Email-id program

int i,j=0;

string n = Console.ReadLine();

for (i = 0; i < n.Length; i++)

{

if (n[i] == '@')

{

break;

}

}

for (j = i+1 ; j < n.Length; j++)

{

Console.Write(n[j]);

}

//Binary search predefined function

Console.WriteLine("Enter Number of Elements you Want to Hold in the Array ? ");

string s = Console.ReadLine();

int x = Int32.Parse(s);

int[] a = new int[x];

Console.WriteLine("Enter Array Elements :");

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

{

string s1 = Console.ReadLine();

a[i] = Int32.Parse(s1);

}

Array.Sort(a);

Console.WriteLine("Sorted Array : ");

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

{

Console.WriteLine("{0}", a[i]);

}

Console.WriteLine("Enter the Element to be Searched : ");

string s3 = Console.ReadLine();

int x2 = Int32.Parse(s3);

int x3 = Array.BinarySearch(a, (Object)x2);

Console.WriteLine("BinarySearch: " + x3);

Console.WriteLine("Element {0} is {1}", x3, a[x3]);

Console.Read();.