using System.IO;

using System;

public class DuplicateWord

{

public static void Main()

{

String string1 = "Big is black bug bit a big is black dog on his big black is nose";

int count;

//Converts the string into lowercase

string1 = string1.ToLower();

//Split the string into words using built-in function

String[] words = string1.Split(' ');

Console.WriteLine("Duplicate words in a given string : ");

for(int i = 0; i < words.Length; i++) {

count = 1;

for(int j = i+1; j < words.Length; j++) {

if(words[i].Equals(words[j])) {

count++;

//Set words[j] to 0 to avoid printing visited word

words[j] = "0";

}

}

//Displays the duplicate word if count is greater than 1

if(count > 1 && words[i] != "0")

Console.WriteLine(words[i]);

}

}

}