using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace codechal150216

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Enter the number of students");

int n = Convert.ToInt32(Console.ReadLine());

int i;

string[] name = new string[n];

string[] city = new string[n];

int pos=-1;

int flag = 0;

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

{

Console.WriteLine("Enter the student name {0}",i+1);

name[i] = Console.ReadLine();

Console.WriteLine("Enter the city");

city[i] = Console.ReadLine();

}

Console.WriteLine("Enter the student name to be searched");

string s = Console.ReadLine();

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

{

if (s.Equals(name[i]))

{

pos = i;

flag = 1;

break;

}

}

if(flag==0)

Console.WriteLine("Student not found");

else

Console.WriteLine("Student {0} belongs to {1}",s,city[pos]);

Console.ReadLine();

}

}

}

\

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using System.Text;

namespace codechal150216

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Enter the date");

string date = Console.ReadLine();

string[] d = date.Split('/');

int y = Convert.ToInt32(d[2]);

int m = Convert.ToInt32(d[0]);

int day = Convert.ToInt32(d[1]);

if(m==12&&day==31)

Console.WriteLine("The next date is 01/01/{0}",y+1);

else if(day==28&&((y%4==0)||(y%400==0)))

Console.WriteLine("The next date is 0{0}/{1}/{2}",m,day+1,y);

else if(m

Console.ReadLine();

}

}

}

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using System.Text;

namespace codechal150216

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Enter the number of string pair");

int n = Convert.ToInt32(Console.ReadLine());

int line1 = -1, line2 = -1;

string[] a = new string[n];

string[] b = new string[n];

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

{

Console.WriteLine("Enter the string pair {0}", i + 1);

a[i] = Console.ReadLine();

b[i] = Console.ReadLine();

}

Console.WriteLine("Enter the string to be found");

string x = Console.ReadLine();

string[] y = x.Split();

for (int j = 0; j < y.Count(); j++)

{

line1 = -1;

line2 = -1;

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

{

string[] d = b[i].Split();

for (int k = 0; k < d.Count(); k++)

{

if (y[j] == d[k])

{

if (line1 < 0)

line1 = i;

else

line2 = i;

}

}

}

string[] c = a[line1].Split();

string[] e = a[line2].Split();

for (int l = 0; l < c.Count(); l++)

{

for (int m = 0; m < e.Count(); m++)

{

if (c[l] == e[m])

{

Console.Write(c[l] + " ");

}

}

}

}

Console.ReadLine();

}

}

}

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namespace codechal150216

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class Program

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static void Main(string[] args)

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Console.WriteLine("Enter the date");

string date = Console.ReadLine();

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if(m==12&&day==31)

Console.WriteLine("The next date is 01/01/{0}",y+1);

else if(day==2&&m==28&&((y%4==0)||(y%400==0)))

Console.WriteLine("The next date is 0{0}/{1}/{2}",m,day+1,y);

else if(m==2&&day==28&&(y%4!=0||y%400!=0))

Console.WriteLine("The next date is 0{0}/01/{1}",m+1,y);

else if (day == 31 && (m % 2 != 0 || m == 8))

{

if(m<10)

Console.WriteLine("The next date is 0{0}/01/{1}",m+1,y);

else

Console.WriteLine("The next date is {0}/01/{1}", m + 1, y);

}

else if (day == 30 && (m % 2 == 0))

{

if (m < 10)

Console.WriteLine("The next date is 0{0}/01/{1}", m + 1, y);

else

Console.WriteLine("The next date is {0}/01/{1}", m + 1, y);

}

else

{

if(day<10)

Console.WriteLine("The next date is 0{0}/0{1}/{2}",m,day+1,y);

else

Console.WriteLine("The next date is {0}/{1}/{2}",m,day+1,y);

}

Console.ReadLine();

}

}

}

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**Find city using map**

**Find city using map**

Write a program to collect and store all the student details to assist Student Administration incharge in finding the city to which a student belongs, for a given name.Student details consist of student's Name and city.

NOTE [If the given name is not available print “Student not found”]  
**Use Dictionary to store the details**  
  
**Sample Input 1 :**

Enter the number of students

**3**

Enter the student name 1

**mala**

Enter the city

**chennai**

Enter the student name 2

**kala**

Enter the city

**coimbatore**

Enter the student name 3

**ramu**

Enter the city

**madurai**

Enter the student name to be searched

**ramu**  
**Sample Output 1 :**

Student ramu belongs to madurai  
  
  
**Sample Input 2 :**

Enter the number of students

**3**

Enter the student name 1

**mala**

Enter the city

**chennai**

Enter the student name 2

**kala**

Enter the city

**coimbatore**

Enter the student name 3

**ramu**

Enter the city

**madurai**

Enter the student name to be searched

**anu**  
**Sample Output 2:**

Student not found

Page of

**Finding the next date**

**Finding the next date**

Given a date as input, write a program to display the next date of the given date.

**NOTE :** Date must be in the following format (MM/dd/yyyy)

**Input Format:** Input consists of a String

[Refer sample input and output.]

**Sample Input 1:**

[All text in bold are input and the remaining are output]

Enter the date

**02/03/1996**  
  
**Sample Output 1:**

The next date is 02/04/1996

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**Find the corresponding word**

**Find the corresponding word**

Write a program to find the corresponding word for the given word

**Input and Output Format**

First line of the input coressponds to a single integer N

Following the first input the other N\*2 inputs consists of N pairs of String

Next input consists of a String to find the corresponding word

Ouput consists of a String

**HINT:** Use dictionaries  
**Example**

'min fin bin gin' means "trains are always late"  
'gin din cin hin' means "drivers were always punished"  
'bin cin vin rin' means "drivers stopped all trains"  
'din fin kin vin' means "all passengers were late"  
  
"drivers were late" would be written as "cin din fin"

**Input and Output Format:**

Refer sample input and output

**SAMPLE INPUT AND OUTPUT :1**

**[All text in bold are input and the remaining are output]**  
Enter the number of string pair  
4  
Enter the string pair 1  
**min fin bin gin  
trains are always late**  
Enter the string pair 2  
**gin din cin hin  
drivers were always punished**  
Enter the string pair 3  
**bin cin vin rin**  
**drivers stopped all trains**  
Enter the string pair 4  
**din kin fin vin  
all passengers were late**  
Enter the string to be found  
drivers were late

**Sample Output :**  
cin din fin