

C# Assignment

Day 2

StringConcatenate

Write a program which asks the user for their first name and last name to enter separately .

Concatenate these strings, with a space in-between them, putting the resulting concatenation into a single string variable named fullName and output the concatenated string to the console.

SAMPLE INPUT / OUTPUT :

Enter first name

Alice

Enter last name

Maria

Full name : Alice Maria

Quiz Competition Report

IQA, an International Quizzing Association conducted a quiz competition where several teams participated.

The competition consists of multiple rounds and each round carries a maximum point of 500 and minimum of 0.

IQA wants to take a report on the number of rounds participated by each team and their scores in each round.

The report should contain number of times each team participated and their scores in each attempt. Finally, it should display all the teams with their scores and its total.

How can you help them to generate the report using jagged arrays in C#. (Hint: The number of attempts taken by each team varies.)

From the Main method get input from the user and call the below method to return the results and display the result.

public static String GetTotalScore(int[][] array) //Method should accept a jagged array and return the result as given in the sample output.

Sample Input:

Enter the number of teams:

2

No.of attempts for team 1:

2

No.of attempts for team 2:

3

Enter the score for team 1:

100

120

Enter the score for team 2:

200

150

150

Sample Output:

Team 1 Total Score is 220 . Team 2 Total Score is 500

Reverse a Sentence

Jona and Helen are playing a game. When one person says a sentence in English, the other person should repeat the sentence in the reverse order. One who does it perfectly gets a score. Write a C# program to help them find whether the sentence is reversed perfectly.

Get the input string from the user and display the phrase in reverse order.

Sample input 1

Enter a string

Here We Go Round the Mulberry Bush

Sample output 1

Bush Mulberry the Round Go We Here

Sample input 2

Enter a string

JACK and JILL went up the HILL

Sample output 2

HILL the up went JILL and JACK

AccountDetails

Create a public class Account with the following members:

- private attributes

int id;

String accountType;

double balance;

- Add public properties for the all above three fields.

Constructors

- Create an empty parameter constructor.
- Also create a 3- parameter constructor to set the values for the given properties.

Methods

- Create a method Withdraw which should take amount as input and return a boolean .
- public bool Withdraw (double amount) –

 This method should deduct the amount from the balance and return true. Before deducting the amount from the balance ensure there is enough balance. If there is no enough balance return false.

- Add a method GetDetails that returns the details exactly as given in the sample output.

 public String GetDetails()

- Create a public class Program for the Main method .

- a) From the Main method create object for Account and call the GetDetails method and display the details.
- b) In the Main method, enter the amount to be withdrawn from user and call Withdraw method by passing this amount. If Withdraw method returns 'true' then display new balance(i.e after deduction)

Note:

Don't create any new namespace.

Create classes with pubic access specifier

Sample Input 1:

Enter account id
111

Enter account type
savings
Enter account balance
5000
Enter amount to withdraw
3000

Sample Output 2:

Account Id: 111
Account Type: savings
Balance: 5000
New Balance : 2000

Sample Input 2:

Enter account id

123
Enter account type
current
Enter account balance
3567
Enter amount to withdraw
4000

Sample Output:

Account Id: 123
Account Type: current
Balance: 3567
