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1. Write a C# program that prompt the user to input three numbers.The program should then output the numbers in ascenfing order.

class Program

{

static void Main(string[] args)

{

Console.Writeline("Enter the first number:");

int num 1= int.Parse(Console.Readline());

Console.Writeline("Enter the second number:");

int num 2= int.Parse(Console.Readline());

Console.Writeline("Enter the third number:");

int num 3= int.Parse(Console.Readline());

int[] numbers= {num1, num2, num3};

Array.Sort(numbers);

Console.Writeline("The numbers in ascending order are:");

foreach(int number in numbers)

}

Console.Writeline(number);

}

}

3. Write a C# program that prompts the user to input a string and then output the string in uppercase

using system;

class program

{

static void Main()

}

Console.Writeline("Enter a string:");

string input = Console.Readline();

char[] characters = input.ToCharArray();

Array.Sort(characters);

string result = new string(characters);

Console Writeline("The string in uppercase is:" + result.Toupper());

}

}

4. Write a C# program to compute addition of N by M matrices. Allow the user to determine the siez of the row and column

using system;

class program

{

static void Main()

}

Console.Writeline("Enter the number of rows for the matrices:");

int rows = int.Parse(Console.Readline());

Console.Writeline("Enter the number of columns for the matrices:");

int columns = int.Parse(Console.Readline());

int[,] matrix1 = new int[rows, columns];

int[,] matrix2 = new int[rows, columns];

int[,] sumMatrix = new int[rows,columns];

Console.Writeline("Enter the elements of the first matrix:");

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

{

for (int j = 0; j< columns; j++)

{

matrix1[i,j] = int.Parse(Console.Readline());

}

}

Console.Writeline("Enter the elements of the second matrix:");

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

{

for (int j = 0; j< columns; j++)

{

matrix2[i,j] = int.Parse(Console.Readline());

}

}

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

{

for (int j = 0; j< columns; j++)

}

sumMatrix[i,j] = matrix1 [i,j] + matrix2[i,j];

}

}

Console.Writeline("The sum of the matrices is:");

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

{

for (int j = 0; i< rows; j++)

{

Console.Write(sumMatrix[i,j] + " ");

}

Console.Writeline();

}

}

}

6. Write a C# program that prompts user to input a nunber.The program should then output the numvet and a message saying whether is positive

, negative or zero.

using System;

class program

{

static void main()

{

Console.Writeline("Please enter a number:")

int number =

int.Parse(Console.Readline());

if (number>0)

{

Console.Writeline(The number" + number + "is positive");

}

else if (number<0)

{

Console.Writeline(The number" + number + "is negative");

}

else

{

Console.Writeline("The number is zero");

}

}

}