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1. Ce afiseaza executia urmatorului cod?

using System;

namespace ConsoleApp2

{

delegate void MyDelegate(int x, int y);

public class Oper

{

public static void Add(int x, int y)

{

Console.WriteLine("{0} + {1} = {2}", x, y, x + y);

}

public static void Sub(int x, int y)

{

Console.WriteLine("{0} - {1} = {2}", x, y, x - y);

}

public static void Mul(int x, int y)

{

Console.WriteLine("{0} \* {1} = {2}", x, y, x \* y);

}

}

class Program

{

static void Main()

{

var add = new MyDelegate(Oper.Add);

var sub = new MyDelegate(Oper.Sub);

var mul = new MyDelegate(Oper.Mul);

add += sub;

sub += add;

sub += mul;

sub -= add;

sub(10, 8);

Console.ReadLine();

}

}

}

Variante de raspuns:

a) 10 - 8 = 2;

b) 10 \* 8 = 80;

c) 10 - 8 = 2;

10 \* 8 = 80;

d) 10 \* 8 = 80;

10 - 8 = 2;

Raspuns corect: c)

Explicatie: Codul incearca sa confirme nivelul de intelegere al "pointer-ului la o functie" delegate. Intai variabila "sub" adauga in ordinea de executie "add", apoi "mul" si in final elimina "add". Asadar, ordinea de executie va consta intai in executia functiei Sub, iar mai apoi Mul. Raspunsul c este output-ul corect.