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Ce se afiseaza la rularea codului urmator? Explicati.

```
using System;
namespace ConsoleApp
{
    delegate void MyDelegate(int a, int b);
    public class Operatii
    {
        public static void Adunare(int a, int b)
        {
            Console.WriteLine("{0} + {1} = {2}", a, b, a + b);
        }
        public static void Scadere(int a, int b)
        {
            Console.WriteLine("{0} - {1} = {2}", a, b, a - b);
        }
        public static void Inmultire(int a, int b)
        {
            Console.WriteLine("{0} * {1} = {2}", a, b, a * b);
        }
    }
}
class Program
{
    static void Main()
    {
        var adun = new MyDelegate(Operatii.Adunare);
        var scad = new MyDelegate(Operatii.Scadere);
        var inmul = new MyDelegate(Operatii.Inmultire);
```

```
        adun += scad;  
        scad += adun;  
        scad += inmul;  
        scad -= adun;  
        scad(6, 2);  
        Console.ReadLine();  
    }  
}
```

Variante de raspuns:

a) $6 - 2 = 4$

b) $6 * 2 = 12$

c) $6 - 2 = 4$

$6 * 2 = 12$

d) $6 * 2 = 12$

$6 - 2 = 4$

Justificare raspuns:

Raspunsul corect este c) $6 - 2 = 4$ $6 * 2 = 12$, deoarece mai intai variabila scad adauga in ordinea de executie adun, apoi inmul si in final elimina adun. Asadar, ordinea de executie va consta intai in executia functiei Scadere, iar mai apoi Inmultire. Se verifica nivelul de intelegere al pointer-ului la o functie delegate.