

Ce se afișează la rularea codului următor?

```
static bool TheMethod1()
{
    Console.WriteLine("Method 1");
    return false;
}

static bool TheMethod2()
{
    Console.WriteLine("Method 2");
    return true;
}

static void Main(string[] args)
{
    if (TheMethod1() & TheMethod2())
    {
        Console.WriteLine("the if block has was executed");
    }
}
```

Variante de răspuns:

- a) Method 1
- b) Method 1**
Method 2
- c) Method 1
Method 2
the if block has was executed
- d) the if block has was executed

Justificare răspuns:

Blocul if nu va fi executat deoarece TheMethod1 va returna fals. Dar din cauza ca in if se foloseste operatorul logic &, va fi verificata si a doua conditie, The Method2. Deci se va afisa Method 1, dar si Method 2. Daca s-ar fi folosit operatorul &&, s-ar fi verificat doar prima metoda.

Conceptele din curs: operatori logici

Referinte web: <https://docs.microsoft.com/en-us/dotnet/csharp/language-reference/operators/boolean-logical-operators>

Dificultate: Medium