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11/10/2022

## RETO 3

The screenshot displays the JDoodle online compiler interface. The top section shows the source code for a C# program. The code defines a class `Program` with a static method `calcularPrecio` that calculates the price of an ice cream based on the flavor and the number of toppings. The `Main` method prompts the user to enter the flavor and the number of toppings, then calls `calcularPrecio` and prints the result.

```
1 class Program
2 {
3     static void Main()
4     {
5         double precio=0;
6         if (tipoHelado=="chocolate" || tipoHelado=="vainilla" || tipoHelado=="fresa")
7         {
8             precio=5;
9         }
10        else if (tipoHelado=="napolitano" || tipoHelado=="pistacho")
11        {
12            precio=7;
13        }
14        return calcularPrecio(tipoHelado, toppings);
15    }
16    static void Main()
17    {
18        string helado;
19        Console.WriteLine("Escribe el tipo de helado que deseas");
20        helado = Console.ReadLine();
21        Console.WriteLine("Indica el número de toppings que deseas");
22        int t = int.Parse(Console.ReadLine());
23        double precio = calcularPrecio(helado, t);
24        Console.WriteLine("TOTAL: {0}", precio);
25    }
26 }
27
28
29
30
31
32
33
34
35
36
37
```

The output of the program is shown in the bottom section:

```
Result
compiled and executed in 8.031 secs
$dotnet cs277_10; warning CS0168: The variable 'helado' is declared but never used
Compilation succeeded - 1 warning(s)
Escribe el tipo de helado que deseas
chocolate
Indica el número de toppings que deseas
2
TOTAL: 7
```

The interface also includes a 'Know Your JDoodle' section with the following information:

- JDoodle supports 76+ languages with multiple versions - see all.
- With JDoodle APIs, you can execute programs just by making a REST call.

The 'JDoodle For Your Organisation' section provides information about integrating JDoodle with your website, webapp, mobile app, or courses.

Online C# Compiler - Online C#

```
16 case 2:
17     precio=precio2;
18     break;
19 case 3:
20     precio=precio1;
21     break;
22 }
23 }
24 return precio;
25 }
26 static void Main() {
27     string helado;
28     double top;
29     Console.WriteLine("Escribe el tipo de helado que deses");
30     string h=Console.ReadLine();
31 }
32 Console.WriteLine("Indique el número de topping que deses");
33 int t = int.Parse(Console.ReadLine());
34 top=calcularPrecio(h,t);
35 Console.WriteLine("TOTAL: "+top);
36 }
37 }
```

Execute Mode, Version, Inputs & Arguments

Interactive

Execute

Result

compiled and executed in 10.397 secs

Jdoodle.cs(27,18): warning CS0168: The variable 'helado' is declared but never used  
Compilation succeeded - 1 warning(s)  
Escribe el tipo de helado que deses  
fresa  
Indique el número de topping que deses  
3  
TOTAL: 6

Note: Please check our documentation, or youtube channel, for more details

Know Your Jdoodle

- Jdoodle supports 76+ languages with multiple versions - see all.
- With Jdoodle APIs, you can execute programs just by making a REST call.

Jdoodle For Your Organisation

- Do you have any specific compiler requirements?
- Do you want to integrate compilers with your website, webapp, mobile app, courses?

Clase Introducción a la Pro... 12:31

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Online C# Compiler - Online C#

```
23 }
24 }
25 return precio;
26 }
27 static void Main() {
28     string helado;
29     double top;
30     Console.WriteLine("Escribe el tipo de helado que deses");
31     string h=Console.ReadLine();
32 }
33 Console.WriteLine("Indique el número de topping que deses");
34 int t = int.Parse(Console.ReadLine());
35 top=calcularPrecio(h,t);
36 Console.WriteLine("TOTAL: "+top);
37 }
```

Execute Mode, Version, Inputs & Arguments

Interactive

Execute

Result

compiled and executed in 21.914 secs

Jdoodle.cs(27,18): warning CS0168: The variable 'helado' is declared but never used  
Compilation succeeded - 1 warning(s)  
Escribe el tipo de helado que deses  
piñacho  
Indique el número de topping que deses  
1  
TOTAL: 8

Note: Please check our documentation, or youtube channel, for more details

Know Your Jdoodle

- Jdoodle supports 76+ languages with multiple versions - see all.
- With Jdoodle APIs, you can execute programs just by making a REST call.
- With Jdoodle Plugins, you can embed an IDE to your website with just 3 lines of code.
- You can embed the code saved in Jdoodle directly into your website/blog - learn more.
- If you like Jdoodle, please share your love with your friends.

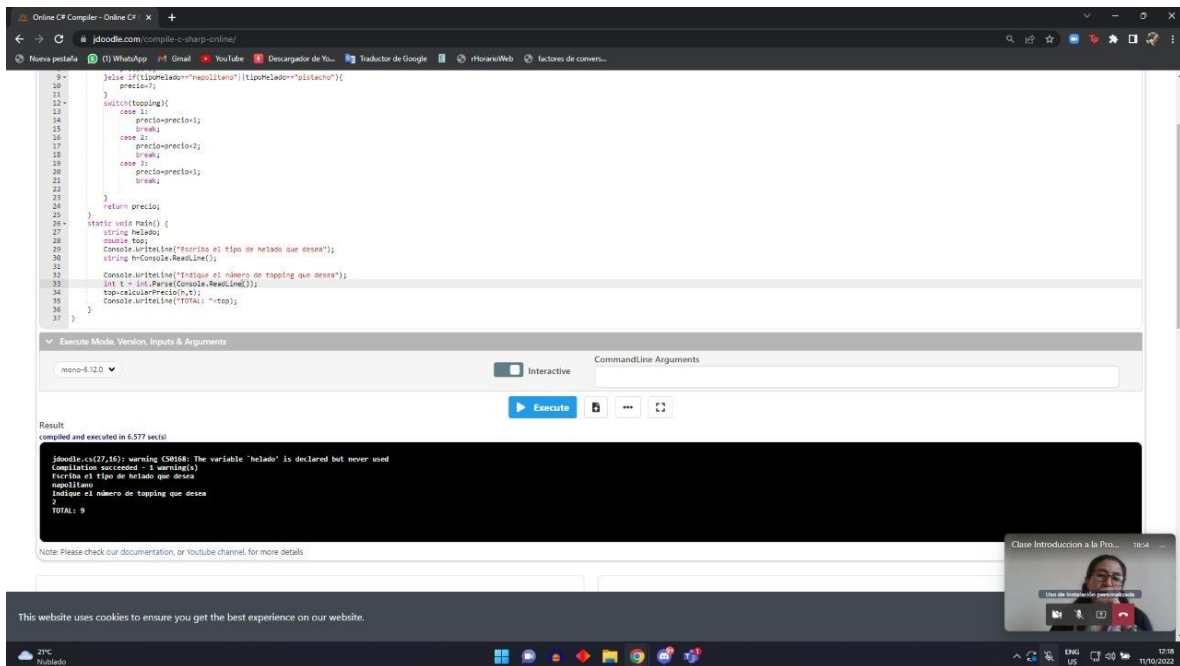
Jdoodle For Your Organisation

- Do you have any specific compiler requirements?
- Do you want to integrate compilers with your website, webapp, mobile app, courses?
- Are you looking more features in Jdoodle Plugin and Jdoodle API ?
- Looking for Multiple Files, Connecting to DB, Debugging, etc?

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```
public static double calcularPrecio(string tipoHelado, int topping){
    double precio=0;
    if (tipoHelado=="chocolate" || tipoHelado=="vainilla"||tipoHelado=="fresa"){
        precio=5;
    }else if(tipoHelado=="napolitano"||tipoHelado=="pistacho"){
        precio=7;
    }
    switch(topping){
        case 1:
            precio=precio+1;
            break;
        case 2:
            precio=precio+2;
            break;
        case 3:
            precio=precio+1;
            break;
```

```
    }  
    return precio;  
}  
static void Main() {  
    string helado;  
    double top;  
    Console.WriteLine("Escriba el tipo de helado que desea");  
    string h=Console.ReadLine();  
  
    Console.WriteLine("Indique el número de topping que desea");  
    int t = int.Parse(Console.ReadLine());  
    top=calcularPrecio(h,t);  
    Console.WriteLine("TOTAL: "+top);  
}
```