

# Search Task

## Week 1

(Standard numeric format)

```
int X = 10;
```

```
int Y = 20;
```

```
Console.WriteLine($"Equation: {X} + {Y} = {X + Y:C}");
```

1. why the output of this Equation = \$30.00?

عشان استخدمنا حرف

C (Currency)

وده معناه عمله ورمز من رموز بنستخدمها عشان نعرض الارقام بطريقه معينه وطلعت بالدولار علي حسب اعدادت الجهاز يعني لو كان الجهاز اعداته مصر كانت هتطاع بالجنيه

2. what is its benefit?

بتوفر وقت وجهد في تنسيق الارقام

عرض الارقام بشكل احترافي للمستخدم

الدعم التلقائي للغات والبلدان عشان ممكن اختار عمله عن طريق

```
CultureInfo.GetCultureInfo("ar-EG")
```

3. try another example with a different specifier with a screenshot of the output.

```
1. double Y = 0.25;  
2. Console.WriteLine($"Equation: {Y} = {Y:P}");
```

```
Equation: 0.25 = 25.00%
```

```
C:\Users\yara2\source\repos\Search_task\Search_task_week1\bin\Debug\net9.0\Search_task_week1.exe (process 14672) exited with code 0 (0x0).  
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.  
Press any key to close this window . . .|
```

Note: we can use P0 or P1 the number indicate the number of decimal so let's use p0 as example:

```
1. double Y = 0.25;  
2. Console.WriteLine($"Equation: {Y} = {Y:P0}");
```

```
Equation: 0.25 = 25%
```

```
C:\Users\yara2\source\repos\Search_task\Search_task_week1\bin\Debug\net9.0\Search_task_week1.exe (process 19872) exited with code 0 (0x0).  
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.  
Press any key to close this window . . .|
```