# Programming Assignment 1: Console Creatures

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#### Overview

C# can be used to make nearly anything — even creatures! Using the **Console.WriteLine()** command, you can print text to the console and make something like this:



Each part of the ghost is a line of text, using symbols like parentheses () and tildes ~. Spooky, right? These type of drawings are sometimes called ASCII art, and you can find them all across the internet.

The C# program is already set-up for you in the Visual Studio starter code. For now, you can ignore everything except the line with **Console.WriteLine()**; . You'll be copying and editing this command throughout the project.

Make sure to use double quotes (") and a semicolon (;) like so:

```
Console.WriteLine("This will be printed to the console!");
```

#### Getting Started - Clone your repository

- 1. Accept the assignment to create your repository for submitting your work:
  - Gallant AM: https://classroom.github.com/a/ifNE8dZY
  - Gallant PM: https://classroom.github.com/a/qR3SAz-O
  - Nunn AM: https://classroom.github.com/a/xj5hvjR-
  - Nunn PM: https://classroom.github.com/a/gStqpaBt
  - Wijaya AM: https://classroom.github.com/a/LYxIK84W
  - Wijaya PM: https://classroom.github.com/a/FgqOA341
- 2. In GitHub Desktop, clone the repository to your desktop.

You are now ready to begin the exercise.

#### **Build a Creature**

- 3. In Visual Studio, open the existing ConsoleCreatures solution.
- 4. Make sure you are in the **Program.cs** file.
- 5. Run the code once to see what we have to start.
- 6. In the **Main** method, before the first **Console.WriteLine()** command, write a comment explaining the purpose of this program. *Stuck? Get a* Hint for Step 6 *below*
- 7. Since the ghostly head has already been created, **draw the eyes**: write new **Console.WriteLine()** command with this text inside the parentheses:

```
"(0 0)"
```

#### Stuck? Get a Hint for Step 7 below

8. Draw the mouth: write another Console.WriteLine() command, this time using the text:

```
"| 0 |"
```

Stuck? Get a Hint for Step 8 below

9. Make the body of the ghost by using two more Console. WriteLine() commands and this text:

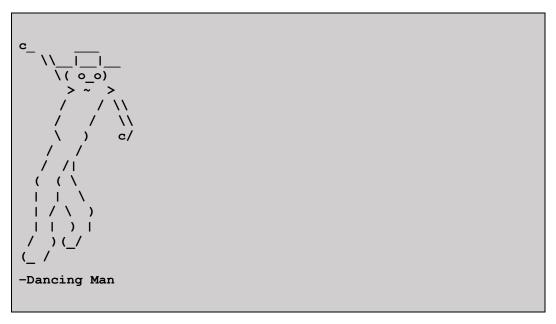
```
"| | "
```

Stuck? Get a Hint for Step 9

10. Name your ghost by adding another line of text below it.

Stuck? Get a Hint for Step 10

11. You've built your very own apparition! You can build all kinds of ghouls with this technique. Find even more inspiration in the hint.



#### Remember:

- The backslash \ is an escape character in C#, so \" will show up as one quote in the output (") and \\ will show up as one backslash in the output (\).
- Spaces matter! " (" is not the same as "(".

Stuck? Get a Hint for Step 11Hint for Step 9

#### Submit Your Work

- 12. Make a final test of your code and copy the output from the terminal window.
- 13. If you need to make any additional changes to your code, make sure you commit them.
- 14. By committing and pushing your updates to GitHub you have submitted your assignment on GitHub Classroom.
- 15. Return to CodeHS. Paste your output into the code window to complete the assignment.

#### Hints

## Hint for Step 6

A comment must:

- begin with // or
- be surrounded by /\* and \*/

Return to Step 6 above

#### Hint for Step 7

Make sure to use double quotes (") and an ending semicolon (;).

```
Console.WriteLine("(o o)");
```

Return Step 6 above

## Hint for Step 8

Make sure to use double quotes and an ending semicolon.

```
Console.WriteLine("| O |");
```

Return to Step 8 above

## Hint for Step 9

Your code should have two new lines:

```
Console.WriteLine("| |");
Console.WriteLine("'~~~'");
```

Return to Step 9 above

### Hint for Step 10

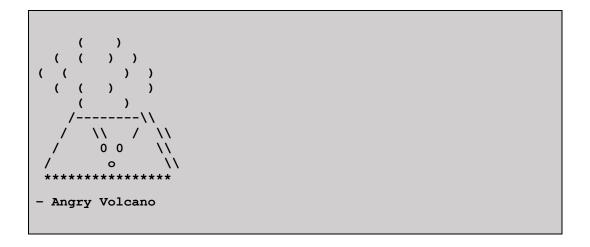
Use Console. WriteLine() and use any name you want!

```
Console.WriteLine("Spiro the Specter");
```

Return to Step 10 above

# Hint for Step 11

To create the Dancing Man, use this version of the text:



Return to Step 11 above