

- Class bodies start with a left brace ({)
- Class bodies end with a right brace (})

6. Methods

- Building blocks of programs
- The **Main** method
 - Each console or windows application must have exactly one
 - All programs start by executing the **Main** method
- Braces are used to start ({) and end (}) a method

7. Statements

- Anything in quotes (") is considered a string
- Every statement must end in a semicolon (;)

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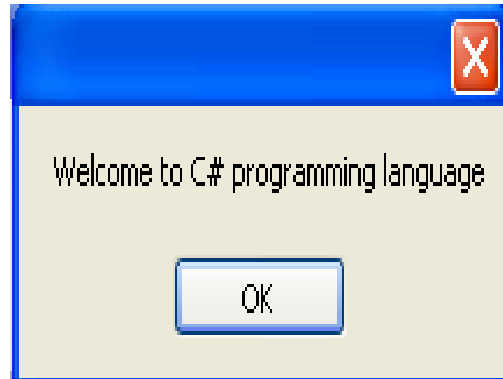
8. Graphical User Interface

- GUIs are used to make it easier to get data from the user as well as display data to the user
- Message boxes
 - Within the **System.Windows.Forms** namespace
 - Used to prompt or display information to the user
- For example

```
private void button1_Click(object sender, EventArgs e)
{
    MessageBox.Show( "Welcome to C# programming language" );
}
```

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The outputs:



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9. Escape characters

| Escape sequence | Description |
|-----------------|---|
| <code>\n</code> | Newline. Position the screen cursor to the beginning of the next line. |
| <code>\t</code> | Horizontal tab. Move the screen cursor to the next tab stop. |
| <code>\r</code> | Carriage return. Position the screen cursor to the beginning of the current line; do not advance to the next line. Any characters output after the carriage return overwrite the previous characters output on that line. |
| <code>\\</code> | Backslash. Used to print a backslash character. |
| <code>\"</code> | Double quote. Used to print a double quote (") character. |

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