# Programming Languages and Comments Table

|  |  |  |  |
| --- | --- | --- | --- |
| Language | Single-line Code Comments | Multi-line Code Comments | Document Comments |
| JavaScript | // Single-line comment | /\* Multi-line   comment \*/ | JSDoc: /\*\*   \* Comment   \*/ |
| Python | # Single-line comment | """ Multi-line   comment """ | Docstring: """   Doc comment   """ |
| Java | // Single-line comment | /\* Multi-line   comment \*/ | Javadoc: /\*\*   \* Comment   \*/ |
| C/C++ | // Single-line comment | /\* Multi-line   comment \*/ | Doxygen: /\*\*   \* Comment   \*/ |
| C# | // Single-line comment | /\* Multi-line   comment \*/ | XML Doc: /// <summary>...</summary> |
| PHP | // Single-line comment | /\* Multi-line   comment \*/ | PHPDoc: /\*\*   \* Comment   \*/ |
| Swift | // Single-line comment | /\* Multi-line   comment \*/ | SwiftDoc: /\*\*   \* Comment   \*/ |
| Kotlin | // Single-line comment | /\* Multi-line   comment \*/ | KDoc: /\*\*   \* Comment   \*/ |
| Ruby | # Single-line comment | =begin   Multi-line   comment   =end | Yard: # @tag |
| Go | // Single-line comment | /\* Multi-line   comment \*/ | Godoc: // Comment |
| HTML | <!-- Single-line comment --> | <!-- Multi-line   comment --> | HTML comment syntax |
| SQL | -- Single-line comment | /\* Multi-line   comment \*/ | Not typically used for documentation |
| R | # Single-line comment | # Multi-line   # comment | Roxygen: #' Comment |