|  |  |  |
| --- | --- | --- |
| Data Type | Size | Range |
| byte | 1 byte | -128 to 127 |
| short | 2 bytes | -32,768 to 32,767 |
| int | 4 bytes | -2,147,483,648 to 2,147,483, 647 |
| long | 8 bytes | -9,223,372,036,854,775,808 to  9,223,372,036,854,775,807 |
| float | 4 bytes | -3.4E+38 to +3.4E+38 (7 decimal digits) |
| double | 8 bytes | -1.7E+308 to +1.7E+308 (15 decimal digits) |
| Boolean | 1 bit | true/false |
| char | 2 byte | 0 to 65,536 (unsigned) |

|  |  |
| --- | --- |
| **\b** | **backspace** |
| **\t** | **tab** |
| **\n** | **line feed** |
| **\f** | **form feed** |
| **\r** | **carriage return** |
| **\"** | **double quote** |
| **\'** | **single quote** |
| **\\** | **backslash** |