|  |  |  |  |
| --- | --- | --- | --- |
| Data Type | Range | Bytes | Format |
| Signed Char | -128 to +127 | 1 | %c |
| Unsigned Char | 0 to 225 | 1 | %c |
| Short Signed Int | -32768 to +32767 | 2 | %d |
| Short Unsigned Int | 0 to 65535 | 2 | %u |
| Signed Int | -32768 to +32767 | 2 | %d |
| Unsigned int | 0 to 65535 | 2 | %u |
| Long Signed Int | -2147483648 to +2147483647 | 4 | %1d |
| Long Unsigned Int | 0 to 4294967295 | 4 | %1u |
| Float | -3.4e38 to +3.4e38 | 4 | %f |
| Double | -1.7e308 to +1.7e308 | 8 | %1f |
| Long Double | -1.7e4932 to +1.7e4932 | 10 | %Lf |