1. 0 in return 0 means success in Os. It shows program is successfully executed. it is very imp when we run program from terminal.

| **Format Specifier** | **Type** |
| --- | --- |
| %c | Character |
| %d | Signed integer |
| %e or %E | Scientific notation of floats |
| %f | Float values |
| %g or %G | Similar as %e or %E |
| %hi | Signed integer (short) |
| %hu | Unsigned Integer (short) |
| %i | Unsigned integer |
| %l or %ld or %li | Long |
| %lf | Double |
| %Lf | Long double |
| %lu | Unsigned int or unsigned long |
| %lli or %lld | Long long |
| %llu | Unsigned long long |
| %o | Octal representation |
| %p | Pointer |
| %s | String |
| %u | Unsigned int |
| %x or %X | Hexadecimal representation |
| %n | Prints nothing |
| %% | Prints % character |