**C PROGRAMMING**

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| Escape sequence | Description |
| \n | Creates a new line |
| \t | Creates a horizontal tab |
| \\ | Inserts a backlash character |
| \” | Inserts double quotes |
| // | Used to make single line comments btn the slashes and end of line |
| /\*\*/ | Used to make multiline comments btn the two asterisk |
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**VARIABLES with their format specifiers**

1. “%d”or”%i”-Int-stores integers (whole numbers)
2. “%hd”-short-short signed integer
3. “%u”-unsigned int-unsigned decimal
4. “%hu”-unsigned short-unsigned short integer
5. “%lu”- unsigned long-stores unsigned long intergers
6. “%llu”-unsigned long long-unsigned long long integers
7. “%lld”-signed long long-signed long long integers
8. “%x”- unsigned int-unsinged integer in base 16
9. “%o”-unsigned int-unsinged integer in base 8
10. “%1F”-double-floating point number in scientific notation
11. “%f”-Float-stores floating point no with decimals eg 2.1 NB **DOUBLE GIVES MORE PRECISION THAN FLOAT BUT TAKES UP TWICE MORE SPACE 8 BYTES VS 4 BYTES ,15 DECIMAL DIGITS VS 7 DECIMAL DIGITS**
12. “%c”-Char-stores single Characters which are surrounded by **single quotes.** Eg ‘a’ or’B’
13. “%s”- char[]-string stores a word.