**8. Explore following format specifiers on internet - %i, %g, %lf**

* %i: Used to print integer values, interchangeable with %d.
* %g: Used to print floating-point numbers, either in normal or exponential notation depending on the value and precision.
* %lf: Used to print double type values in floating-point format.

**10. How to convert a Decimal number into a Binary number and vice versa.**

**Decimal to Binary:**

To convert a decimal number to binary:

1. Divide the number by 2.
2. Record the remainder.
3. Repeat the process with the quotient until the quotient is 0.
4. The binary representation is the sequence of remainders read from bottom to top.

**Binary to Decimal:**

To convert a binary number to decimal:

1. Start with the rightmost bit (least significant bit).
2. Multiply each bit by 2 raised to the power of its position (starting from 0).
3. Sum all the results.