Assignment 1

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Q1. Convert Hexadecimal to Binary 24F

2	4	F
⬇	⬇	⬇
0010	0100	1111
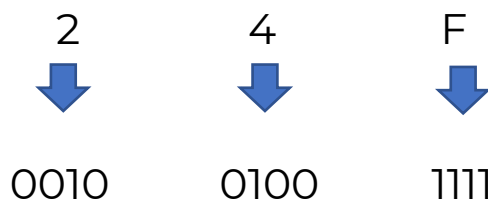
Therefore, $(24F)_{16} = (001001001111)_2$

Q2. Convert any one Octal to Binary

Let the Octal number be 644

6	4	4
⬇	⬇	⬇
110	100	100
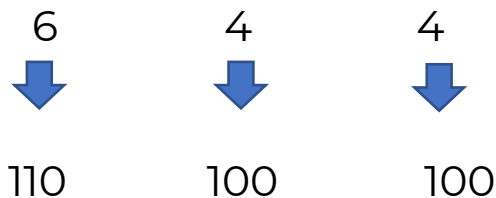
Therefore, $(644)_8 = (110100100)_2$

Q3. Create Inputs and outputs Domino's Pizza Store and website

Inputs : Pizza/Dish Name + Quantity, Side Drinks + Quantity , Any add ons (Like extra cheese etc.) , Bill recipient name , Contact Number, Mode of Payment.

Outputs : Payment Done/Failed regarding notification , Estimated time of Delivery/Waiting Time, Actual Food , Food delivery notification, Ask for Service Rating.

Q4. Create a new Repository -add 2 files file1.txt and file2.txt commit 2 files ,modify file2.txt and commit

Q5. Create logic function to compare 2 sets of numbers and show which is greater.eg:100>50

String func isGreater(int a, int b)

{

        If(a-b>0)

                return "A is Greater";

        else if(a-b<0)

                return "B is Greater";

        else

                return "A & B are equal";

}

The Logic of this function is that if a number B when subtracted from a number A returns a positive number then it denotes that A is greater than B and vice versa.