Angelica Barcelona BSIT-2

Description

Converting Decimal Number to Binary

The logical problem that I choose is how to convert decimal to binary? Binary number has a two number that is 1 and 0,if you want to convert decimal to binary, you need to take a number then Find the remainder with 2 and after that Store the remainder then Divide the number by 2 after you divide the number just get the remainder and reverse it to get the binary number.

digit=num%2 this is the remainder of the number that you divide into 2. at the step, this one is exactly what we get and that is gonna be a digit. x=digit + x that’s gonna add this digit and you can add every thing as long as you given something to add then after that step we gonna divide the number by 2 and that is num=num/2 and this is the case that’s why the number is grater than and not equal to zero then we can say while(num>0)this is exactly what we do to get the binary.