Algorithm

1] Start

2]Function:

In the while loop

temp=bNum%10;

bNum/=10;

result+=((int)round(pow(2,i)))\*temp;

TILL: (bNum!=0)

3]increment i

4] Ask the data in binary number system.

5] Assign the answer derived from step 2 in a variable “decimalVal”.

6] Print the value in decimal number system.