BINARY TO DECIMAL

n=1010

i=0

dec=0

while(n!=0):

rem=n%10

dec+=pow(2,i)\*rem

n//=10

i+=1

print(dec)

OCTAL TO DECIMAL

n=357

i=0

dec=0

while(n!=0):

rem=n%10

dec+=pow(8,i)\*rem

n//=10

i+=1

print(dec)

DECIMAL TO OCTAL

n=327

octa=[]

while(n>0):

octa.insert(0,n%8)

n//=8

print("".join(str(x) for x in octa))

HEXA DECIMAL TO DECIMAL

hexa="1AB29F"

dec=0

pos=0

for i in range(len(hexa)-1,-1,-1):

if "0"<=hexa[i]<="9":

digit=ord(hexa[i])-48

dec+=digit\*pow(16,pos)

pos+=1

elif "A"<=hexa[i]<="F":

digit=ord(hexa[i])-55

dec+=digit\*pow(16,pos)

pos+=1

print(dec)

DECIMAL TO BINARY

n=32

bina=[]

while(n>0):

bina.insert(0,n%2)

n//=2

print("".join(str(x) for x in bina))