

## 1.PROGRAM TO CONVERT DECIMAL TO BINARY NUMBER?

main.py	Output
<pre>1 n=int(input("enter the number:")) 2 res="" 3 while(n&gt;0): 4     res+=str(n%2) 5     n=n//2 6 print(res[::-1])</pre>	<pre>enter the number:10 1010  === Code Execution Successful ===</pre>

## 2.PROGRAM TO CONVERT BINARY NUMBER TO DECIMAL NUMBER?

main.py	Output
<pre>1 n=int(input("enter the number:")) 2 s=str(n) 3 i=len(str(n))-1 4 res=0 5 for j in s: 6     res+=int(j)*(2**i) 7     i-=1 8 print(res) 9</pre>	<pre>enter the number:1010 10  === Code Execution Successful ===</pre>