

```
""" This programs convert a given binary number to
equivalent decimal number"""

bin1 = input("Enter binary number: ")
bin2 = bin1
power = 0
deci = 0
while bin1>0:
    rem = bin1 % 10
    deci += rem * 2 ** power
    power +=1
    bin1 /=10

print "The decimal number of given binary number %d is %d" %(bin2,deci)
```