

```
"""This program takes a decimal number and return binary equivalent
1. Take Number as input
2. Initialize a string bin1 = ''
3. Add while loop till number is greater than 0
4. take the reminder after dividing by 2 (Modulus of 2)
5. concatenate the rem with bin1 after converting into string
6. Reduce the number by dividing by 2
7. At the end of while print reverse of bin1
"""
num1 = num2 = input("Enter the decimal number: ")
bin1 = ''
while num1>0:
    rem = num1 % 2
    bin1 += str(rem)
    num1 /=2
print "The binary of given number %d is %s" %(num2,bin1[::-1])
```