**Binary to Decimal C program**

**Program :**

#include<stdio.h>

#include<math.h>

int convert (long long);

int main ( )

{

long long n;

printf("enter a binary number: ");

scanf("%lld", & n);

printf("%lld in binary = %d in decimal ", n, convert(n));

return 0;

}

int convert (long long n)

{

int dec = 0, i=0, rem;

while (n!=0)

{

rem=n%10;

n/=10;

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

++i;

}

return dec;

}

**Output :**

