#include<stdio.h>

int main()

{

int num, binary, decimal=0, base=1, rem;

printf("enter a binary number: ");

scanf("%d", &num);

binary=num;

while(num > 0)

{

rem=num % 10;

decimal+=rem\*base;

num/=10;

base\*=2;

}

printf("the decimal value for the given number is: %d", decimal);

}

