#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 vaue of number %d :",decimal);

}

