**Exp 31 Octal to Binary**

#include<stdio.h>  
#include<math.h>  
int OctalToDecimal(int n) {  
int p = 0, decimal = 0, r;  
while(n>0){  
    
  
  
        // retrieving the right-most digit of n  
  
  
        r = n % 10;  
  
       
  
  
        // dividing n by 10 to remove the  
  
  
        // right-most digits since it is already  
  
  
        // scanned in previous step  
  
  
        n = n / 10;  
  
  
         
  
  
        decimal = decimal + r \* pow( 8 , p  
);     
  
  
        ++p;  
  
  
         
  
  
     
}  
  
  
     
  
  
  
     
return decimal;  
  
  
}  
  
  
int main() {  
  
  
     
int n, i, k;  
  
  
     
printf("Enter Octal: ");  
  
  
     
scanf("%d", &n);  
  
  
     
printf("\nDecimal of Octal Number %d is : %d", n,  
OctalToDecimal(n));  
  
  
     
return 0;  
  
  
}

Output: 