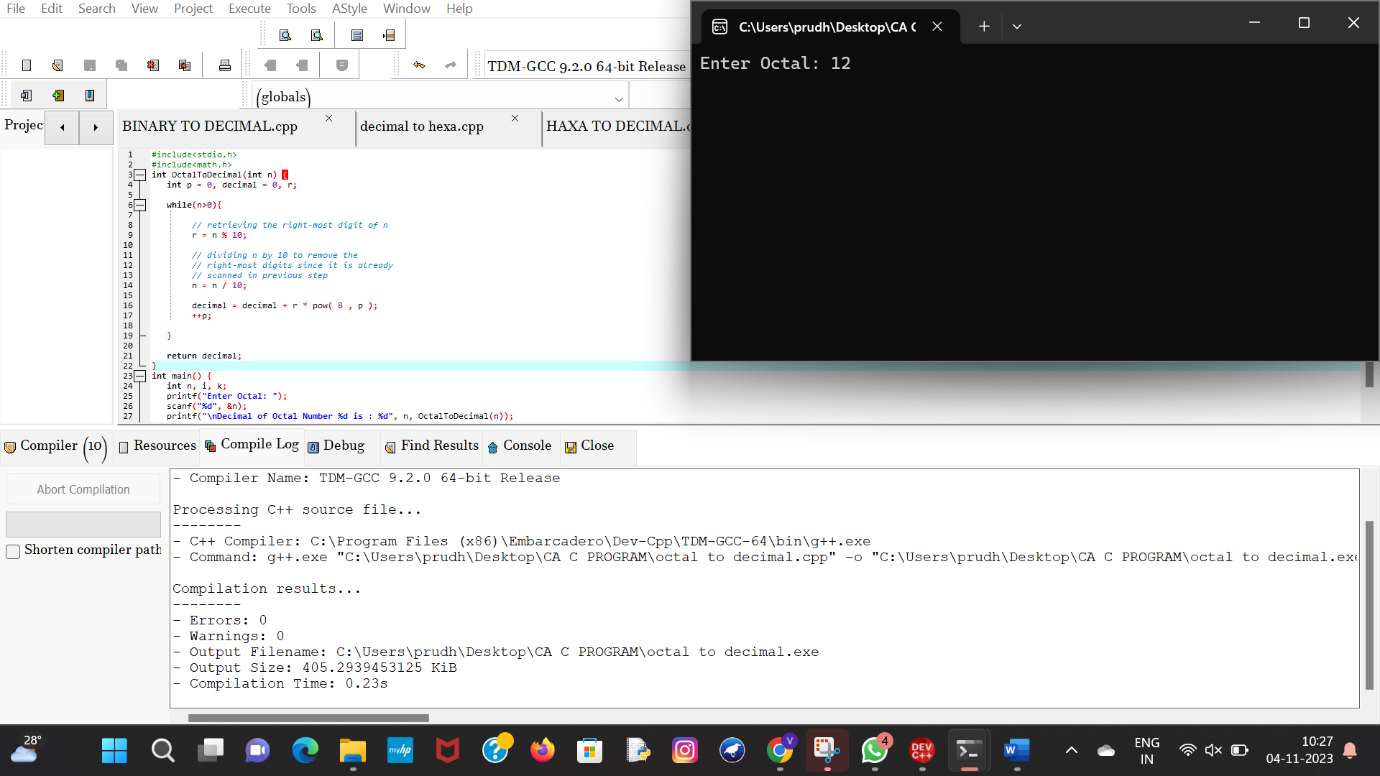
Convert Octal to Decimal  
 EXP NO 30

Program:  
  
#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;  
}

Input:



Output:

