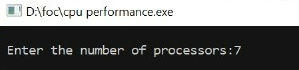
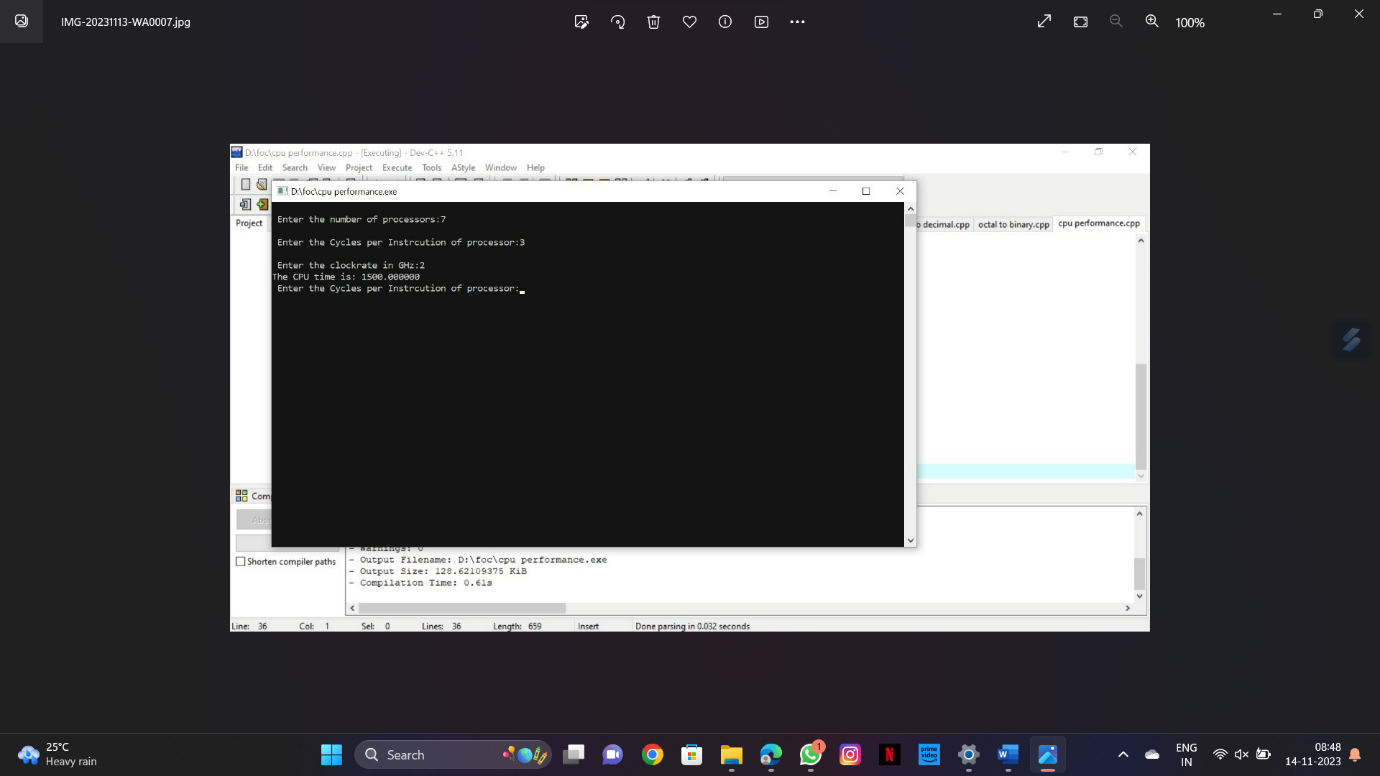
28. Decimal to Hexadecimal

#include<stdio.h>  
  
  
int main() {  
  
  
                long  
int decimalNumber,remainder,quotient;  
  
  
                int  
i=1,j,temp;  
  
  
                char  
hexadecimalNumber[100];  
  
  
                printf("Enter  
any decimal number: ");  
  
  
                scanf("%ld",&decimalNumber);  
  
  
                quotient  
= decimalNumber;  
  
  
                while(quotient!=0)  
{  
  
  
                                temp  
= quotient % 16;  
  
  
                                //To  
convert integer into character  
  
  
                                if(  
temp < 10)  
  
  
                                           temp =temp + 48; else  
  
  
                                         temp = temp + 55;  
  
  
                                hexadecimalNumber[i++]=  
temp;  
  
  
                                quotient  
= quotient / 16;  
  
  
                }  
  
  
                printf("Equivalent  
hexadecimal value of decimal number %d: ",decimalNumber);  
  
  
                for  
(j = i -1 ;j> 0;j--)  
  
  
                       
printf("%c",hexadecimalNumber[j]);  
  
  
                return  
0;  
  
  
}

**INPUT:-**

****

**OUTPUT:-**

****