MINI PROJECT

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UNIT CONVERTER

CODE:

#include <stdio.h>

int main(){

int section;

float temp\_input,far\_input,far\_to\_cel,cel\_input,cel\_to\_far,dis\_input,km\_input,km\_to\_miles,miles\_input,miles\_to\_km,weight\_input,kg\_input, kg\_to\_pound,pound\_input,pound\_to\_kg;

printf("Unit Converter\n");

printf("Choose the type of conversion\n");

printf("Press 1 for Temprature conversion\n");

printf("Press 2 for Distance conversion\n");

printf("Press 3 for Weight conversion\n");

scanf("%d",&section);

if(section == 1)

{

printf("Choose the type of conversion you want to make\n");

printf("Press 1 for Fahrenheit to Celsius\n");

printf("Press 2 for Celsius to Fahrenheit\n");

scanf("%f",&temp\_input);

if(temp\_input == 1){

printf("Enter the Fahrenheit degree: \n");

scanf("%f",&far\_input);

far\_to\_cel = ((far\_input-32) \* (5.0/9.0));

printf("Temprature in Celsius: %.2f \n",far\_to\_cel);

}

else{

printf("Enter the Celsius degree: \n");

scanf("%f",&cel\_input);

cel\_to\_far = ((9.0/5.0)\*cel\_input + 32);

printf("Temprature in Fahrenheit: %.2f \n",cel\_to\_far);

}

}

else if(section == 2){

printf("Choose the type of conversion you want to make\n");

printf("Press 1 for Kilometers to Miles\n");

printf("Press 2 for Miles to Kilometers\n");

scanf("%f",&dis\_input);

if(dis\_input == 1){

printf("Enter the distance in Kilometers: \n");

scanf("%f",&km\_input);

km\_to\_miles = km\_input\*0.62137;

printf("Distance in Miles: %.2f \n",km\_to\_miles);

}

else{

printf("Enter the distance in Miles: \n");

scanf("%f",&miles\_input);

miles\_to\_km = miles\_input \* 1.60934;

printf("Distance in Kilometer: %.2f \n",miles\_to\_km);

}

}

else{

printf("Choose the type of conversion you want to make\n");

printf("Press 1 for Kilogram to Pounds\n");

printf("Press 2 for Pounds to Kilogram\n");

scanf("%f",&weight\_input);

if(weight\_input == 1){

printf("Enter the weight in Kilogram: \n");

scanf("%f",&kg\_input);

kg\_to\_pound = kg\_input \* 2.20462;

printf("Weight in Pounds is: %.2f \n",kg\_to\_pound);

}

else{

printf("Enter the weight in Pounds: \n");

scanf("%f",&pound\_input);

pound\_to\_kg = pound\_input \* 0.453592;

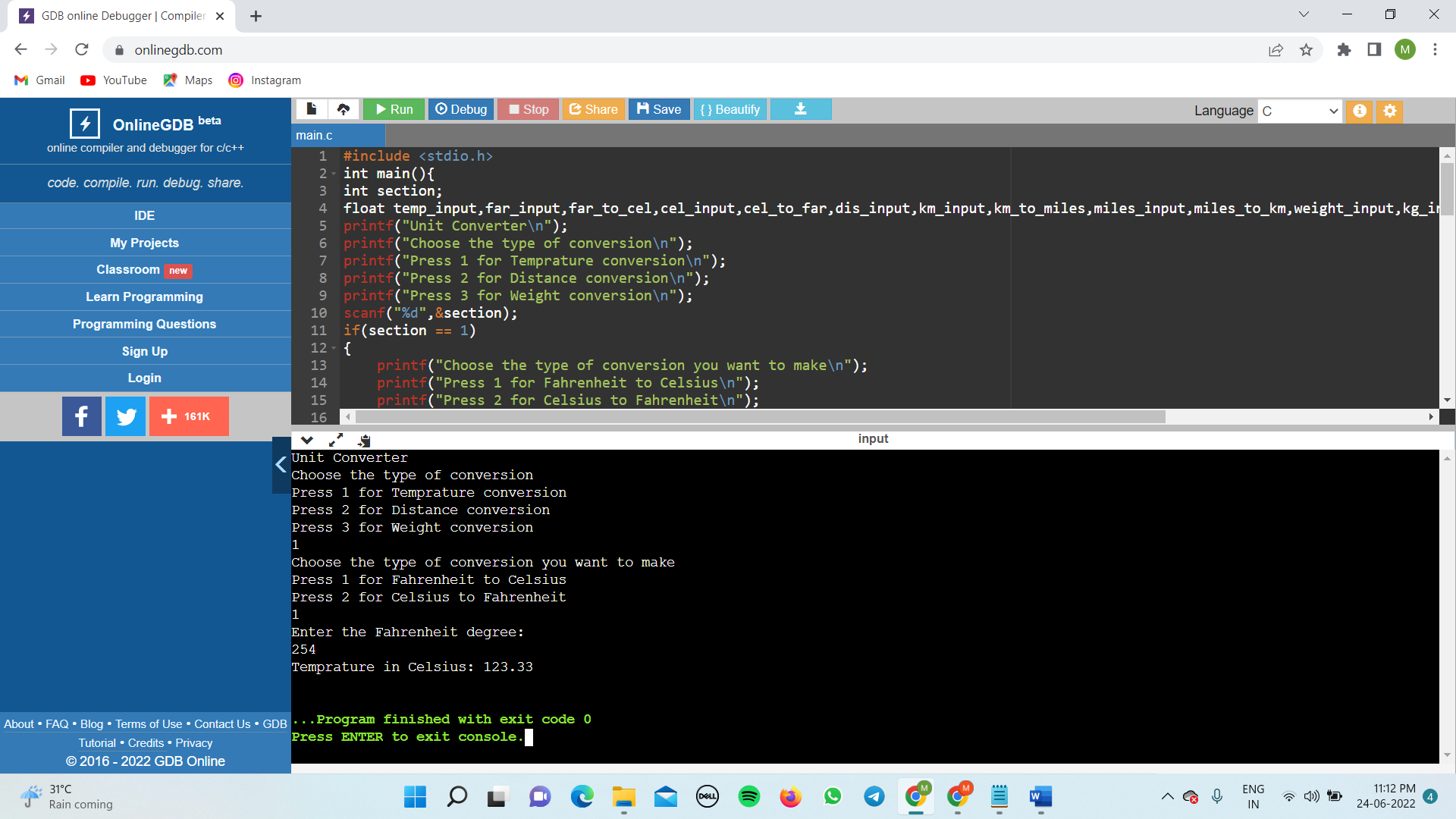
}

}

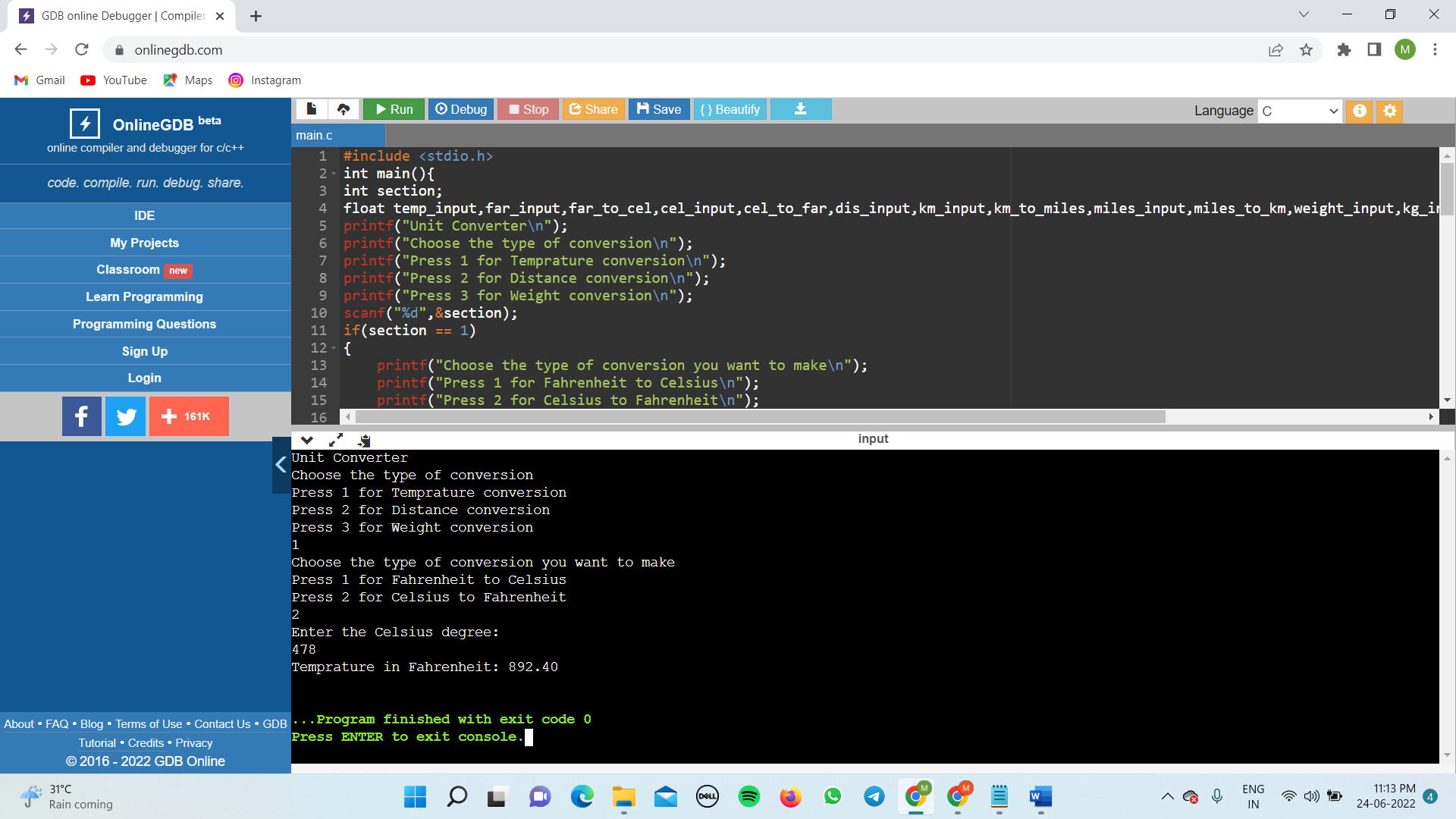
}

OUTPUTS

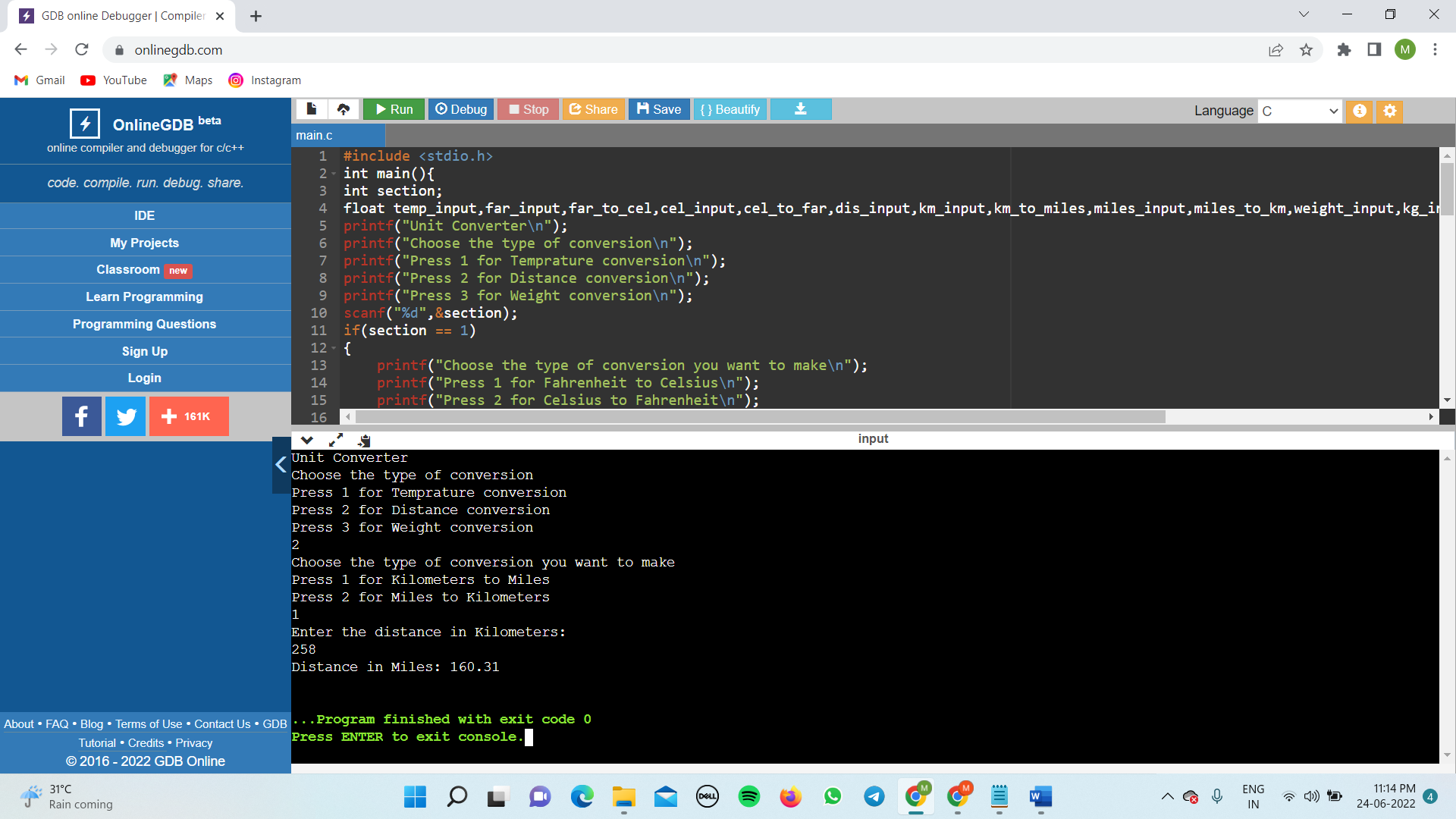
CASE 1 :



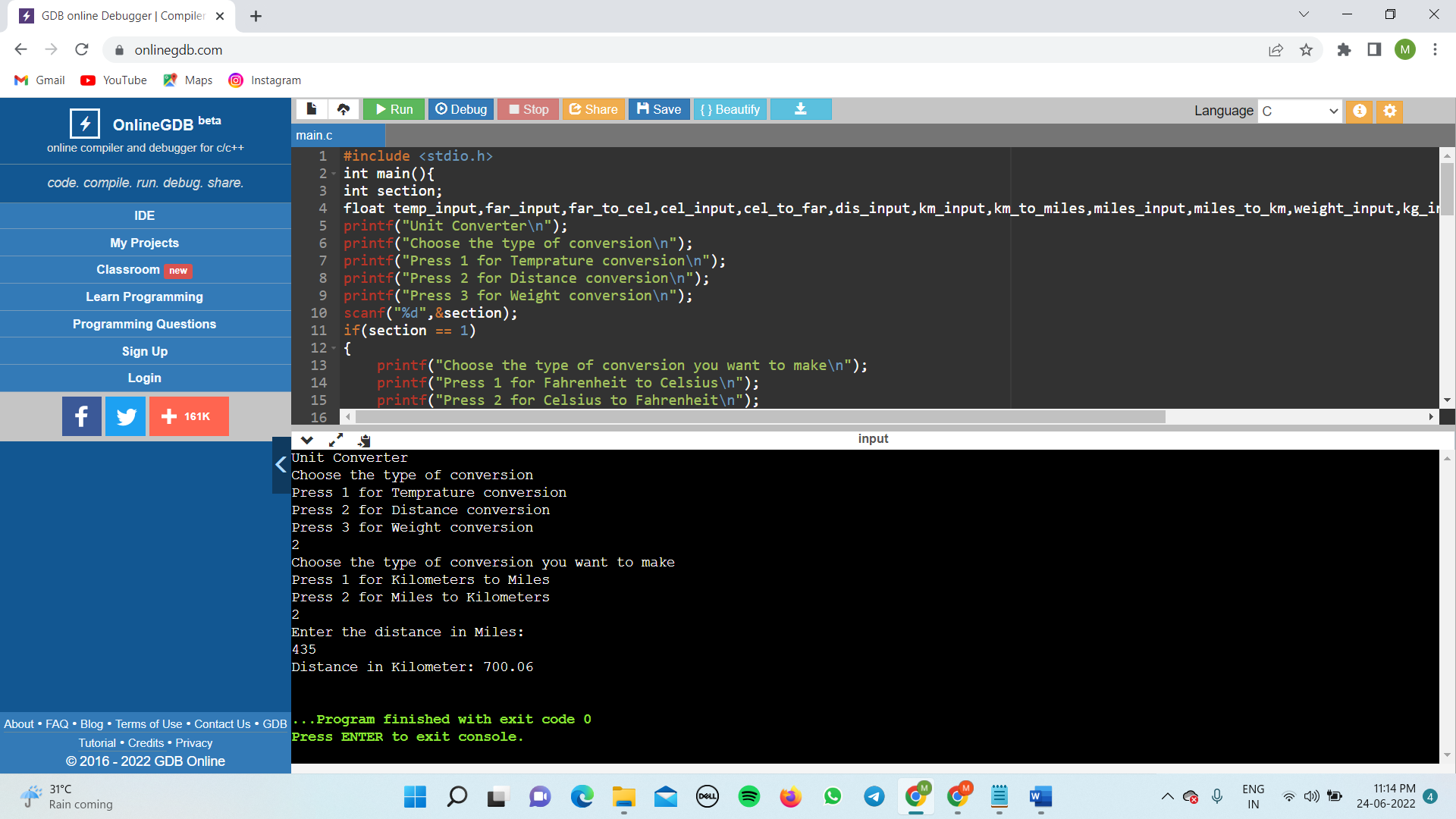
CASE 2 :



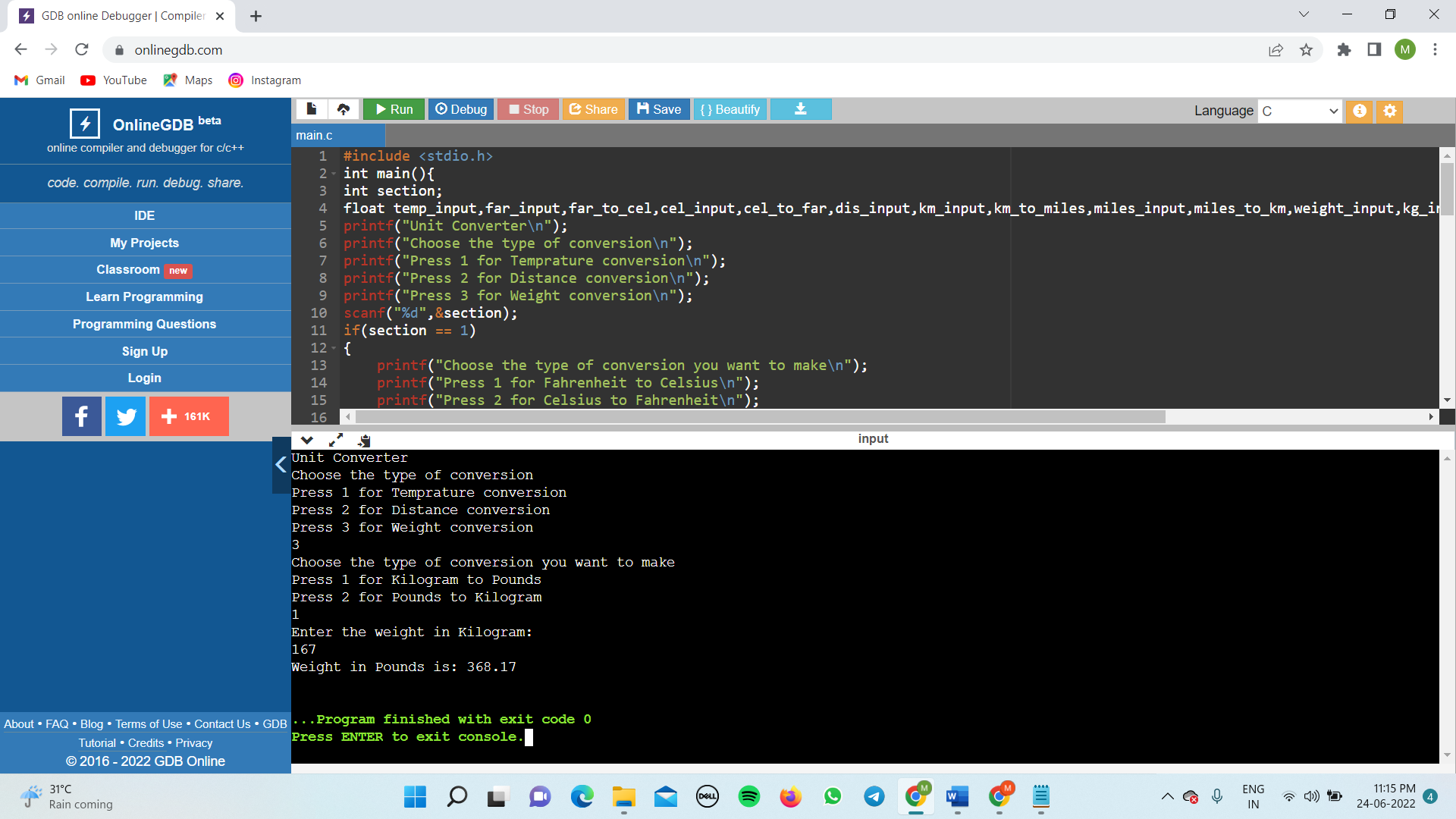
CASE 3 :



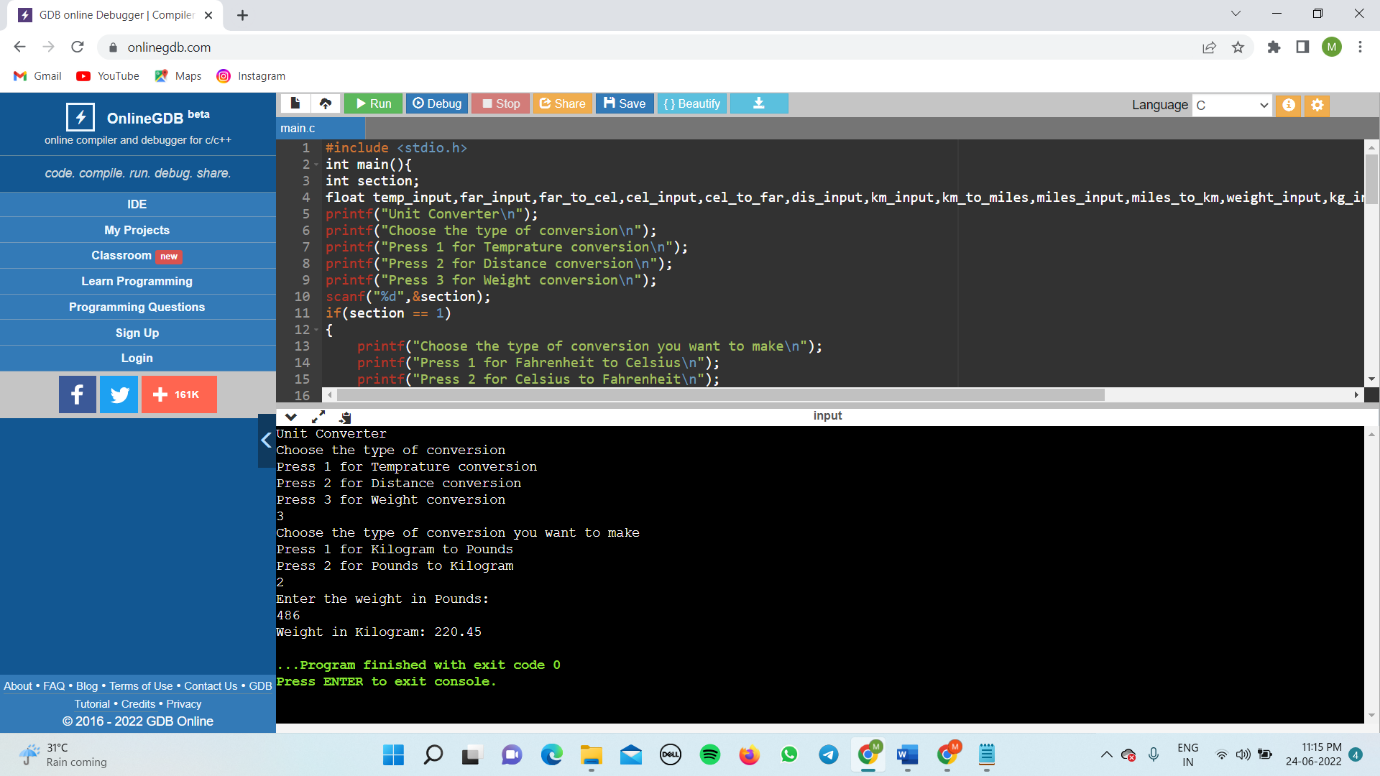
CASE 4 :



CASE 5 :



CASE 6 :

  
 THANK YOU