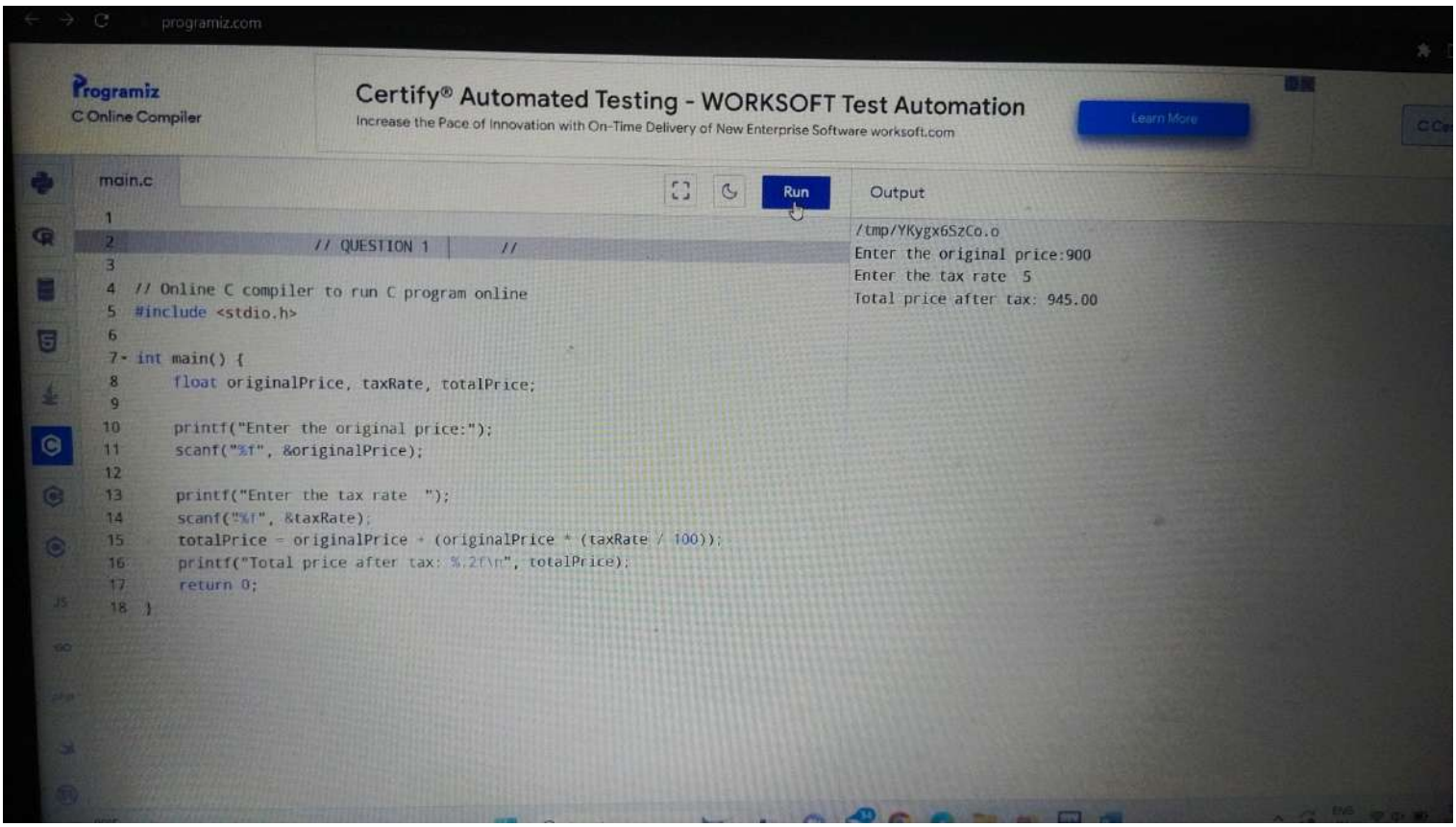
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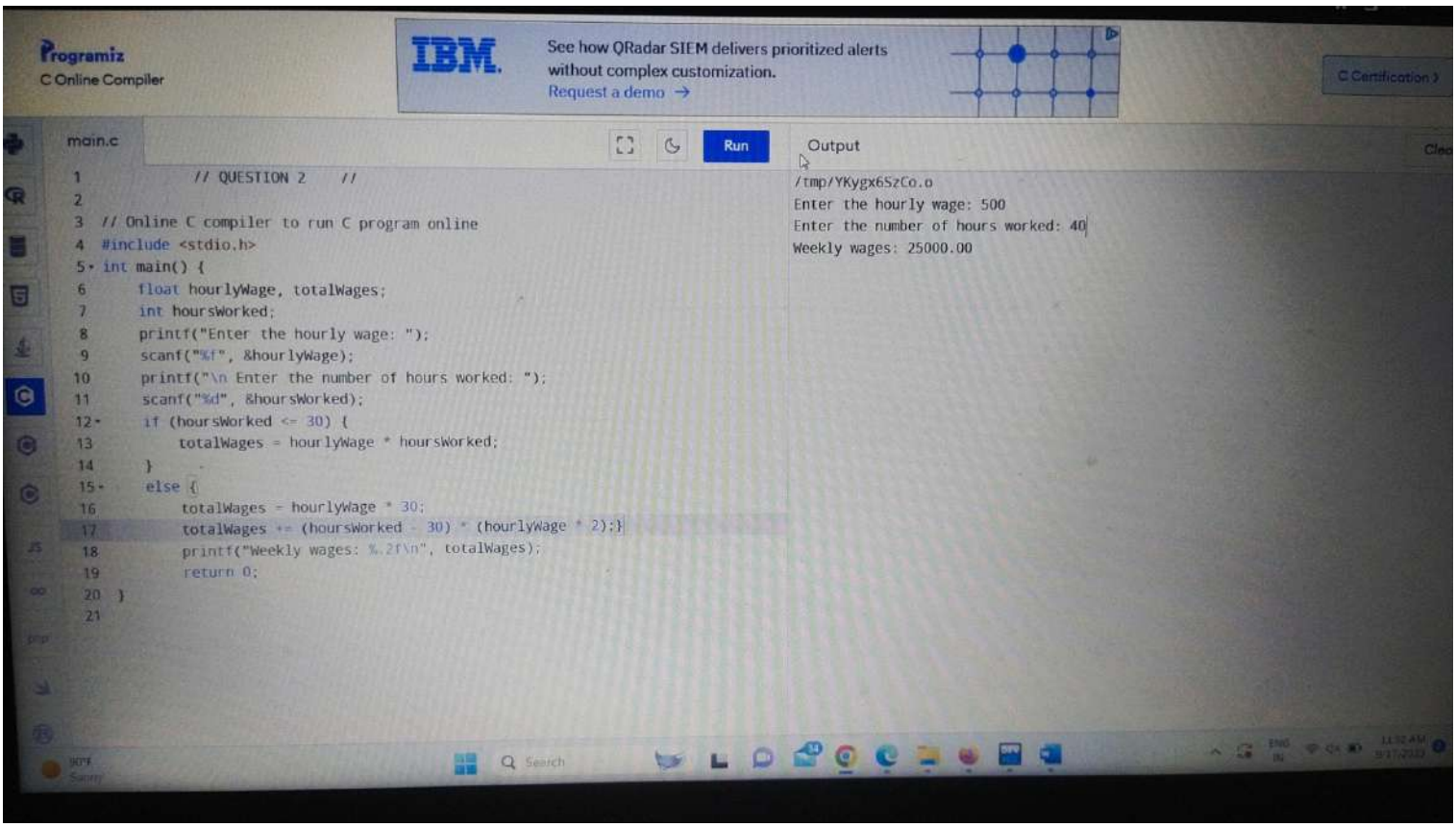
main.c
Run
Output
// QUESTION 1 //
// Online C compiler to run C program online
#include <stdio.h>
int main() {
float originalPrice, taxRate, totalPrice;
printf("Enter the original price:");
scanf("%f", &originalPrice);
printf("Enter the tax rate ");
scanf("%f", &taxRate);
totalPrice = originalPrice + (originalPrice * (taxRate / 100));
printf("Total price after tax: %.2f\n", totalPrice);
return 0;
}
/tmp/YKygx6SzCo.o
Enter the original price:900
Enter the tax rate 5
Total price after tax: 945.00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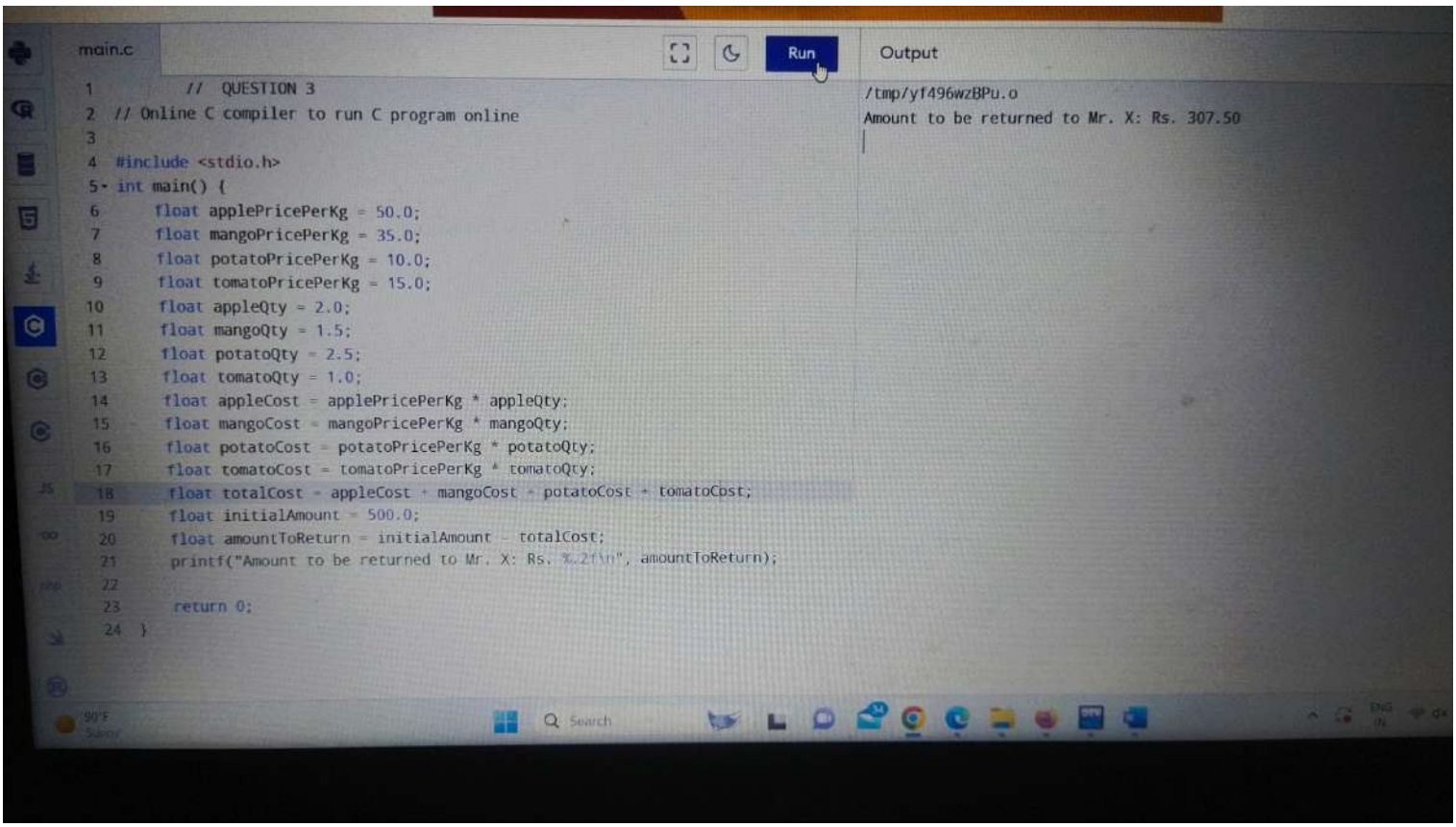
// QUESTION 2 //
// Online C compiler to run C program online
#include <stdio.h>
int main() {
float hourlyWage, totalWages;
int hoursWorked;
printf("Enter the hourly wage: ");
scanf("%f", &hourlyWage);
printf("\n Enter the number of hours worked: ");
scanf("%d", &hoursWorked);
if (hoursWorked <= 30) {
totalWages = hourlyWage * hoursWorked;
}
else {
totalWages = hourlyWage * 30;
totalWages += (hoursWorked - 30) * (hourlyWage * 2);}
printf("Weekly wages: %.2f\n", totalWages);
return 0;
}
/tmp/YKygx6SzCo.o
Enter the hourly wage: 500
Enter the number of hours worked: 40
Weekly wages: 25000.00
Search


main.c
Run
Output
// QUESTION 3
// Online C compiler to run C program online
#include <stdio.h>
int main() {
float applePricePerKg = 50.0;
float mangoPricePerKg = 35.0;
float potatoPricePerKg = 10.0;
float tomatoPricePerKg = 15.0;
float appleQty = 2.0;
float mangoQty = 1.5;
float potatoQty = 2.5;
float tomatoQty = 1.0;
float appleCost = applePricePerKg * appleQty;
float mangoCost = mangoPricePerKg * mangoQty;
float potatoCost = potatoPricePerKg * potatoQty;
float tomatoCost = tomatoPricePerKg * tomatoQty;
float totalCost = appleCost + mangoCost + potatoCost + tomatoCost;
float initialAmount = 500.0;
float amountToReturn = initialAmount - totalCost;
printf("Amount to be returned to Mr. X: Rs. %.2f\n", amountToReturn);
return 0;
}
/tmp/yf496wzBPu.o
Amount to be returned to Mr. X: Rs. 307.50
Search

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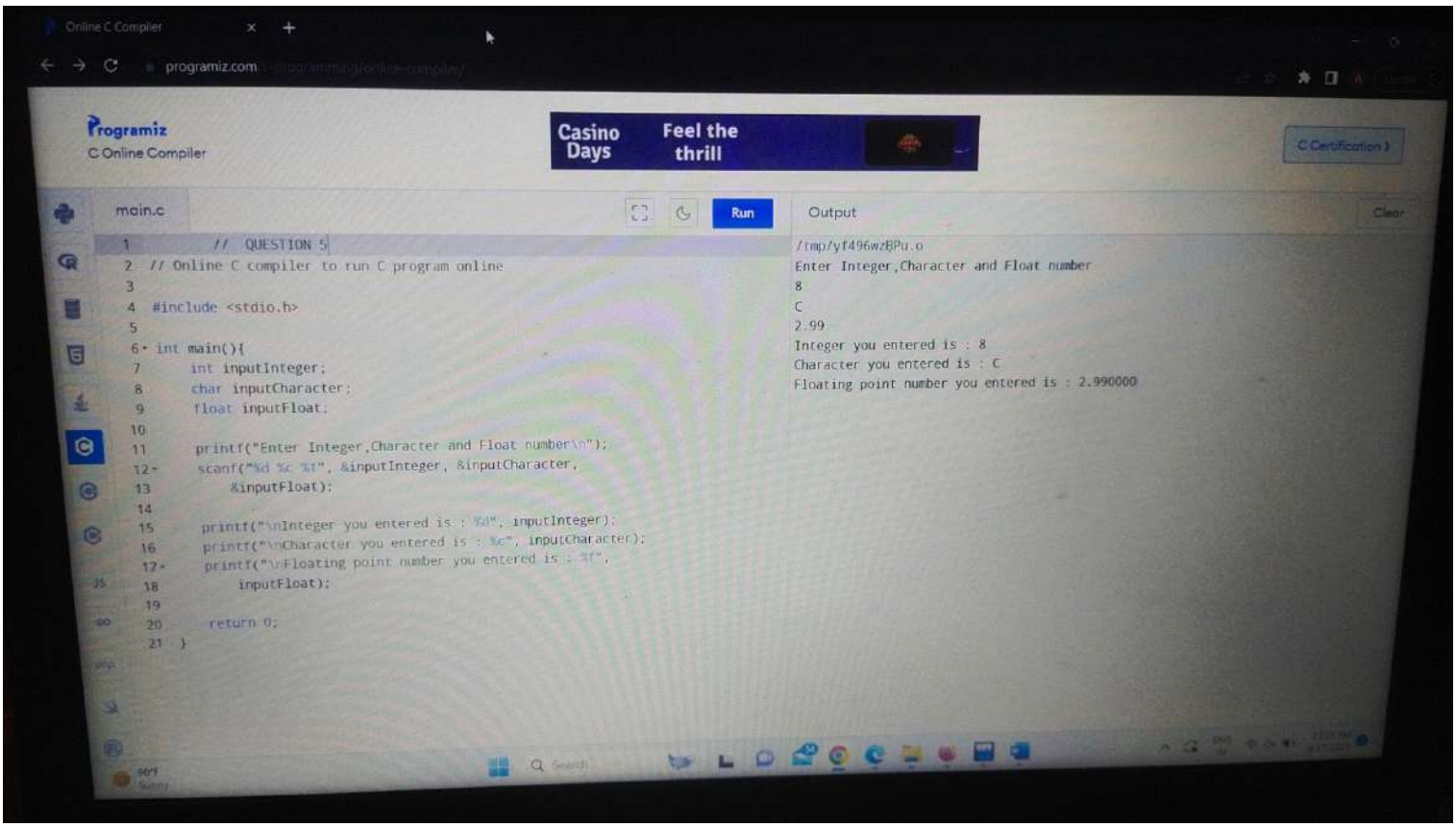
main.c

Run

Output

```
1         //  QUESTION 4
2  // Online C compiler to run C program online
3
4  #include <stdio.h>
5
6  int main() {
7      printf("Name: Your Name\n");
8      printf("Date of Birth: Your Date of Birth\n");
9      printf("Mobile Number: Your Mobile Number\n");
10
11     return 0;
12 }
13
```

```
/tmp/yf496wzBPu.o
Name: Your Name
Date of Birth: Your Date of Birth
Mobile Number: Your Mobile Number
```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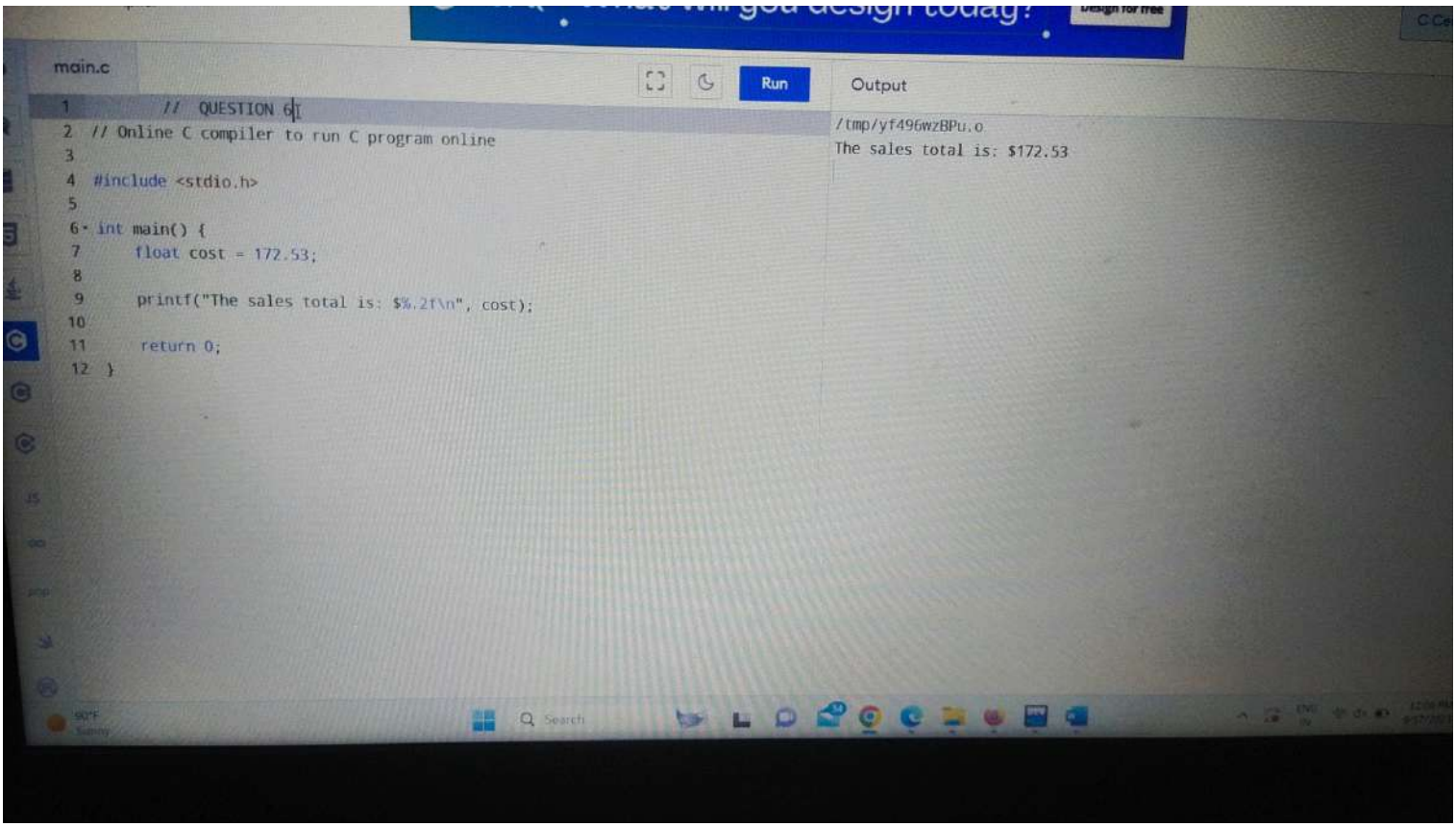
// QUESTION 5
// Online C compiler to run C program online
#include <stdio.h>
int main(){
int inputInteger;
char inputCharacter;
float inputFloat;
printf("Enter Integer,Character and Float number\n");
scanf("%d %c %f", &inputInteger, &inputCharacter,
&inputFloat);
printf("\nInteger you entered is : %d", inputInteger);
printf("\nCharacter you entered is : %c", inputCharacter);
printf("\nFloating point number you entered is : %f",
inputFloat);
return 0;
}
/tmp/yf496wzBPu.o
Enter Integer,Character and Float number
8
C
2.99
Integer you entered is : 8
Character you entered is : C
Floating point number you entered is : 2.990000


main.c
Run
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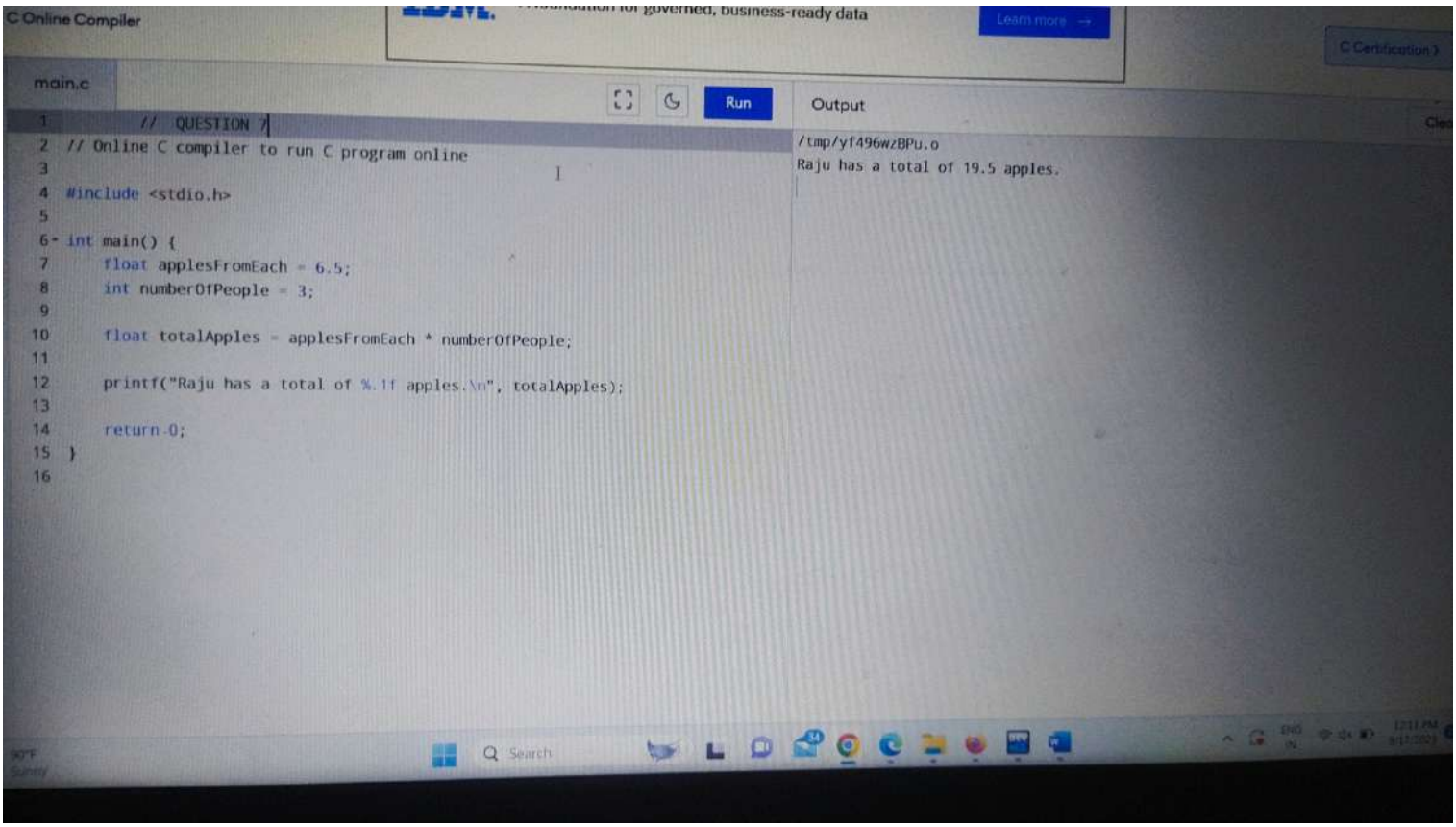
// QUESTION 6
// Online C compiler to run C program online
#include <stdio.h>
int main() {
float cost = 172.53;
printf("The sales total is: $%.2f\n", cost);
return 0;
}
/tmp/yf496wzBPu.o
The sales total is: $172.53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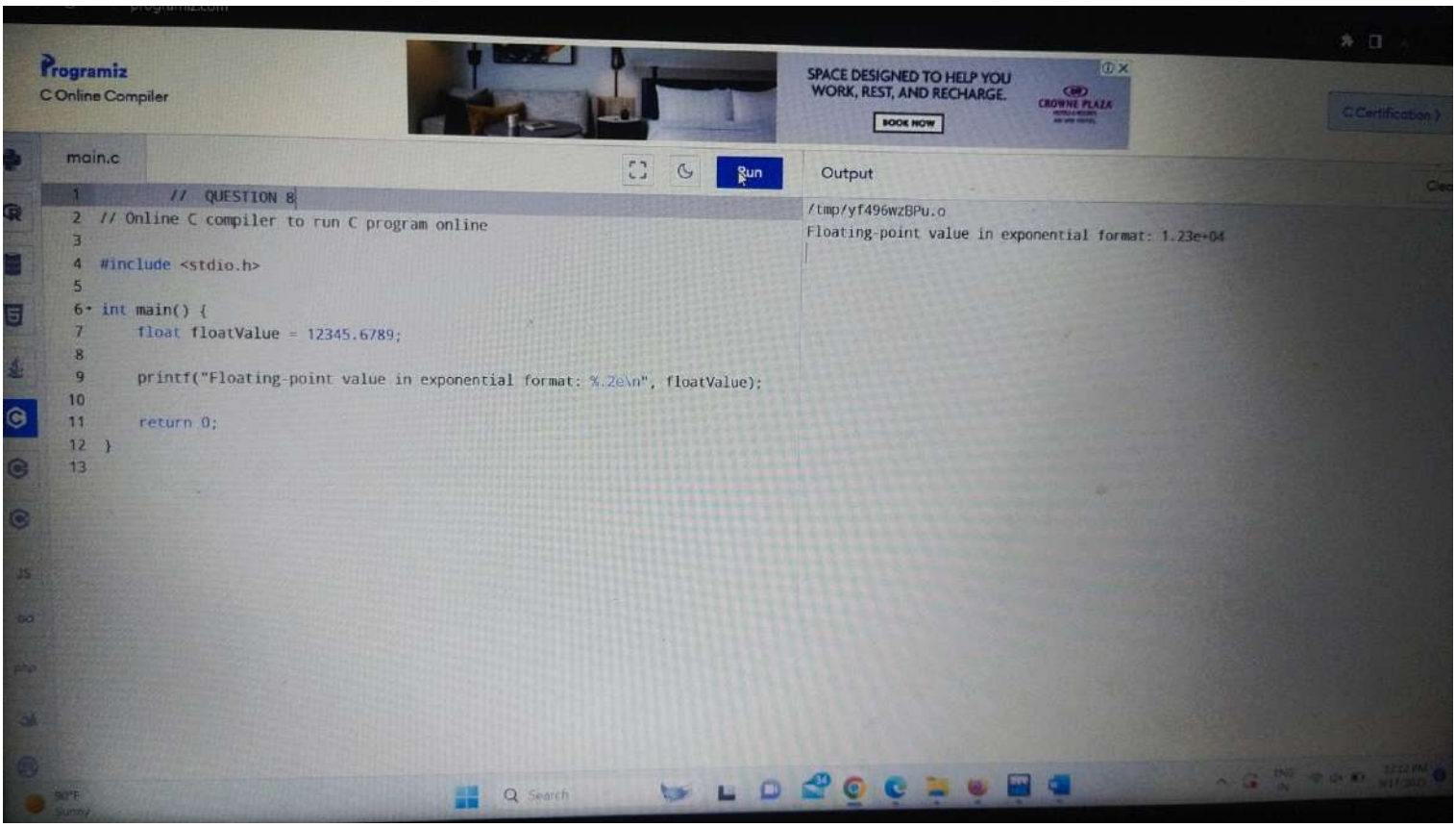
// QUESTION 7
// Online C compiler to run C program online
#include <stdio.h>
int main() {
float applesFromEach = 6.5;
int numberOfPeople = 3;
float totalApples = applesFromEach * numberOfPeople;
printf("Raju has a total of %.1f apples.\n", totalApples);
return 0;
}
/tmp/yf496wzBPu.o
Raju has a total of 19.5 apples.
Search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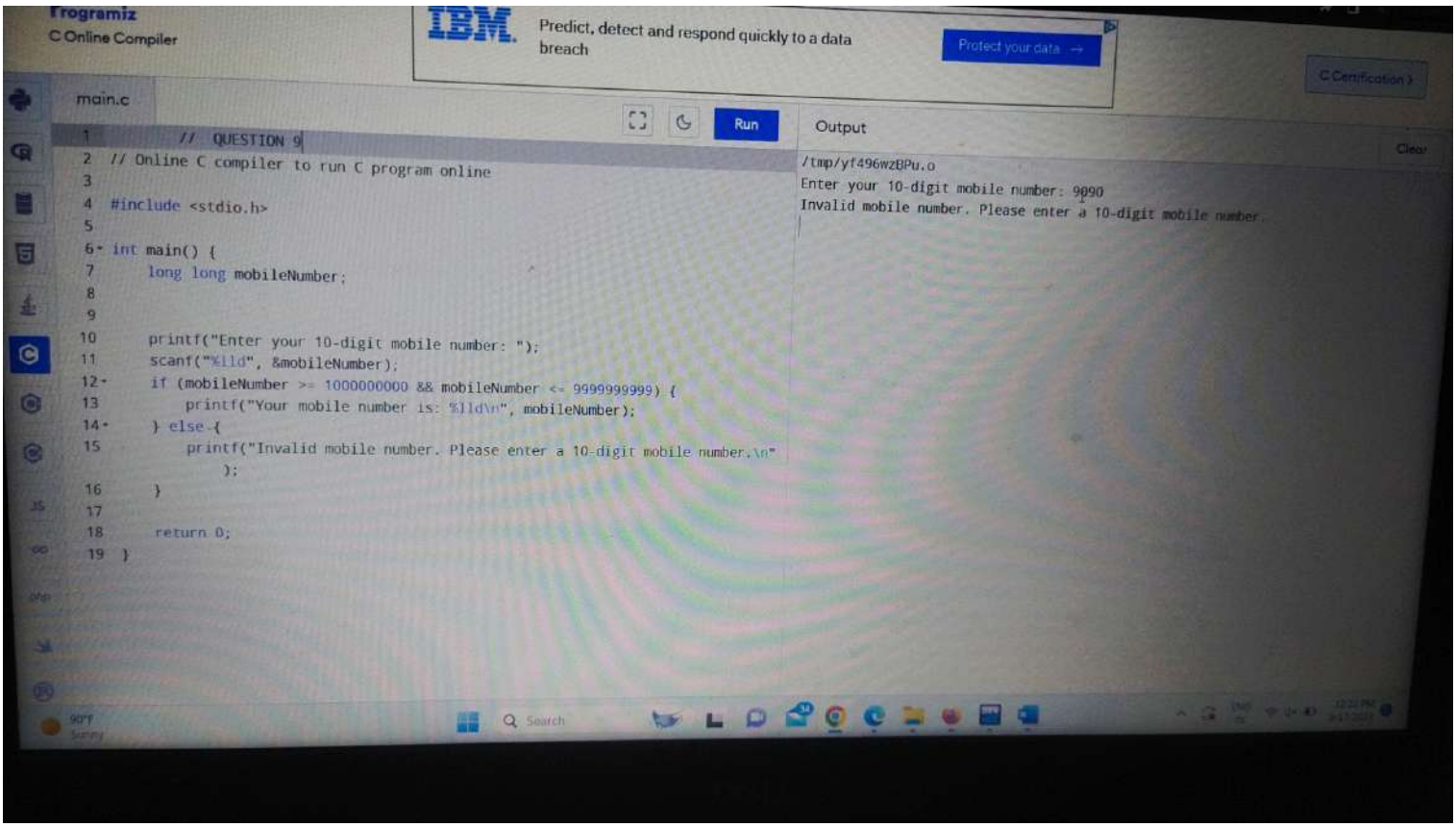
// QUESTION 8
// Online C compiler to run C program online
#include <stdio.h>
int main() {
float floatValue = 12345.6789;
printf("Floating-point value in exponential format: %.2e\n", floatValue);
return 0;
}
/tmp/yf496wzBPu.o
Floating-point value in exponential format: 1.23e+04
Search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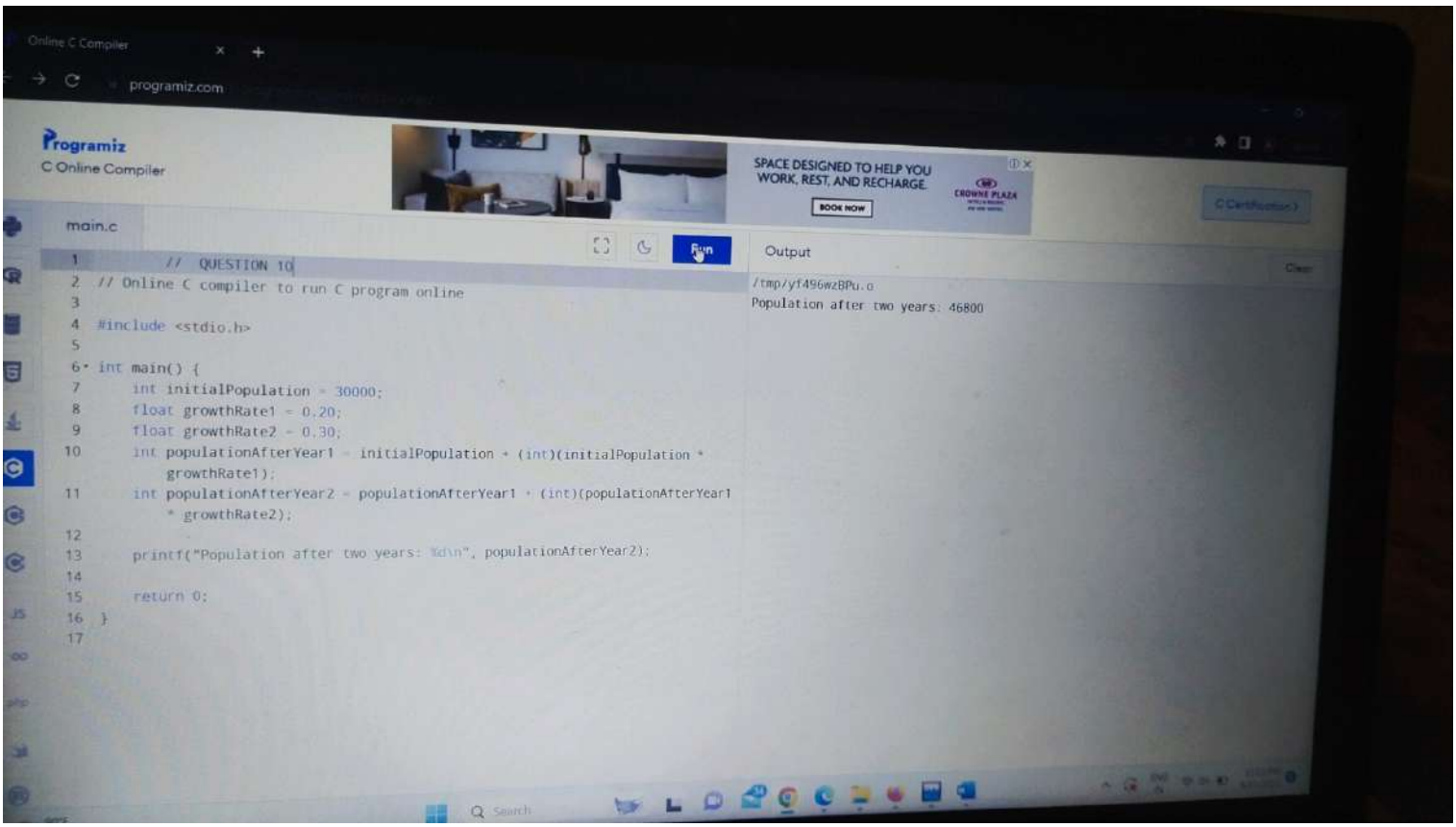
// QUESTION 9
// Online C compiler to run C program online
#include <stdio.h>
int main() {
long long mobileNumber;
printf("Enter your 10-digit mobile number: ");
scanf("%lld", &mobileNumber);
if (mobileNumber >= 1000000000 && mobileNumber <= 9999999999) {
printf("Your mobile number is: %lld\n", mobileNumber);
} else {
printf("Invalid mobile number. Please enter a 10-digit mobile number.\n"
);
}
return 0;
}
/tmp/yf496wzBPu.o
Enter your 10-digit mobile number: 9090
Invalid mobile number. Please enter a 10-digit mobile number.
Search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Run
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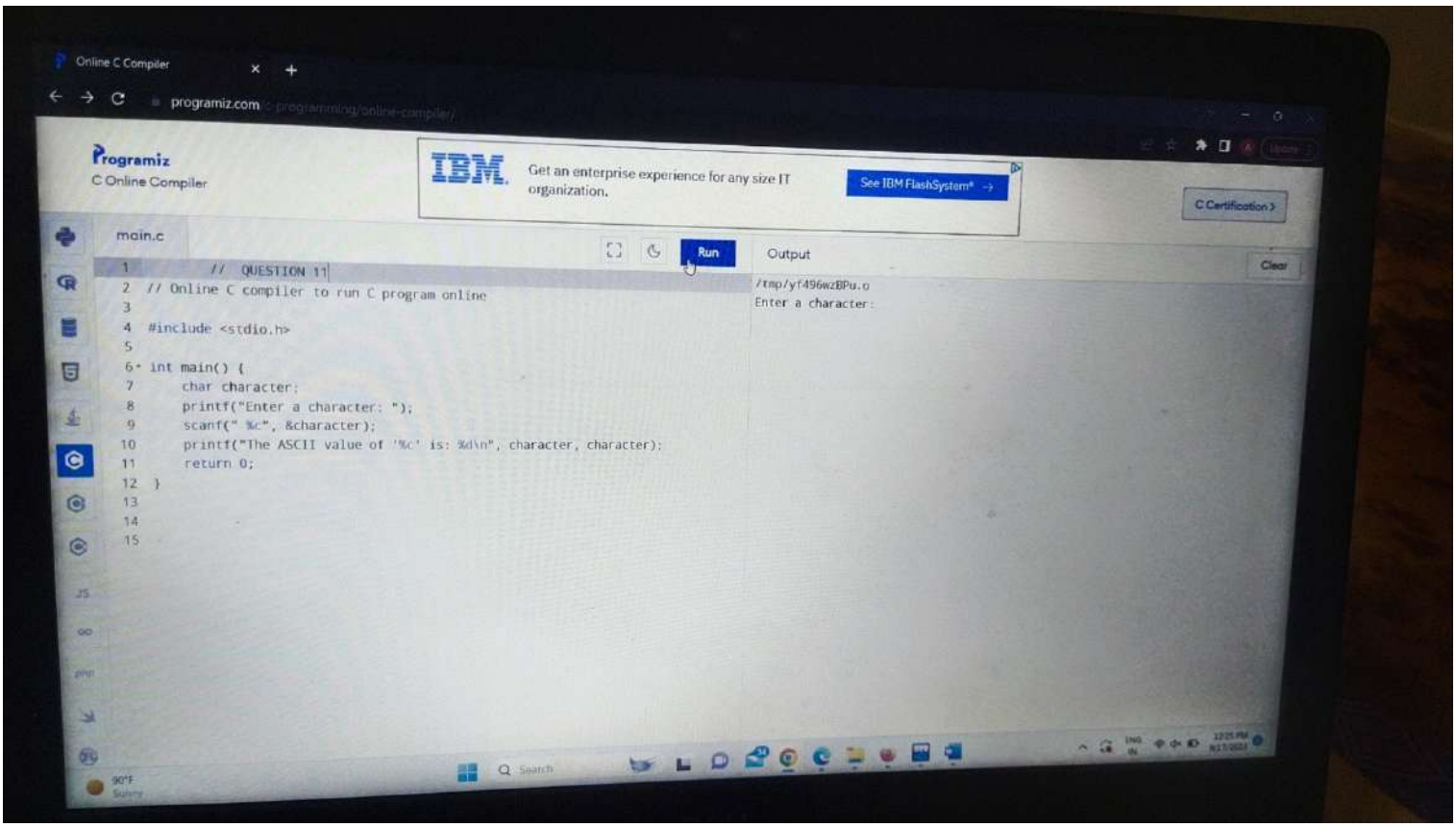
// QUESTION 10
// Online C compiler to run C program online
#include <stdio.h>
int main() {
int initialPopulation = 30000;
float growthRate1 = 0.20;
float growthRate2 = 0.30;
int populationAfterYear1 = initialPopulation + (int)(initialPopulation * growthRate1);
int populationAfterYear2 = populationAfterYear1 + (int)(populationAfterYear1 * growthRate2);
printf("Population after two years: %d\n", populationAfterYear2);
return 0;
}
/tmp/yf496wzBPu.o
Population after two years: 46800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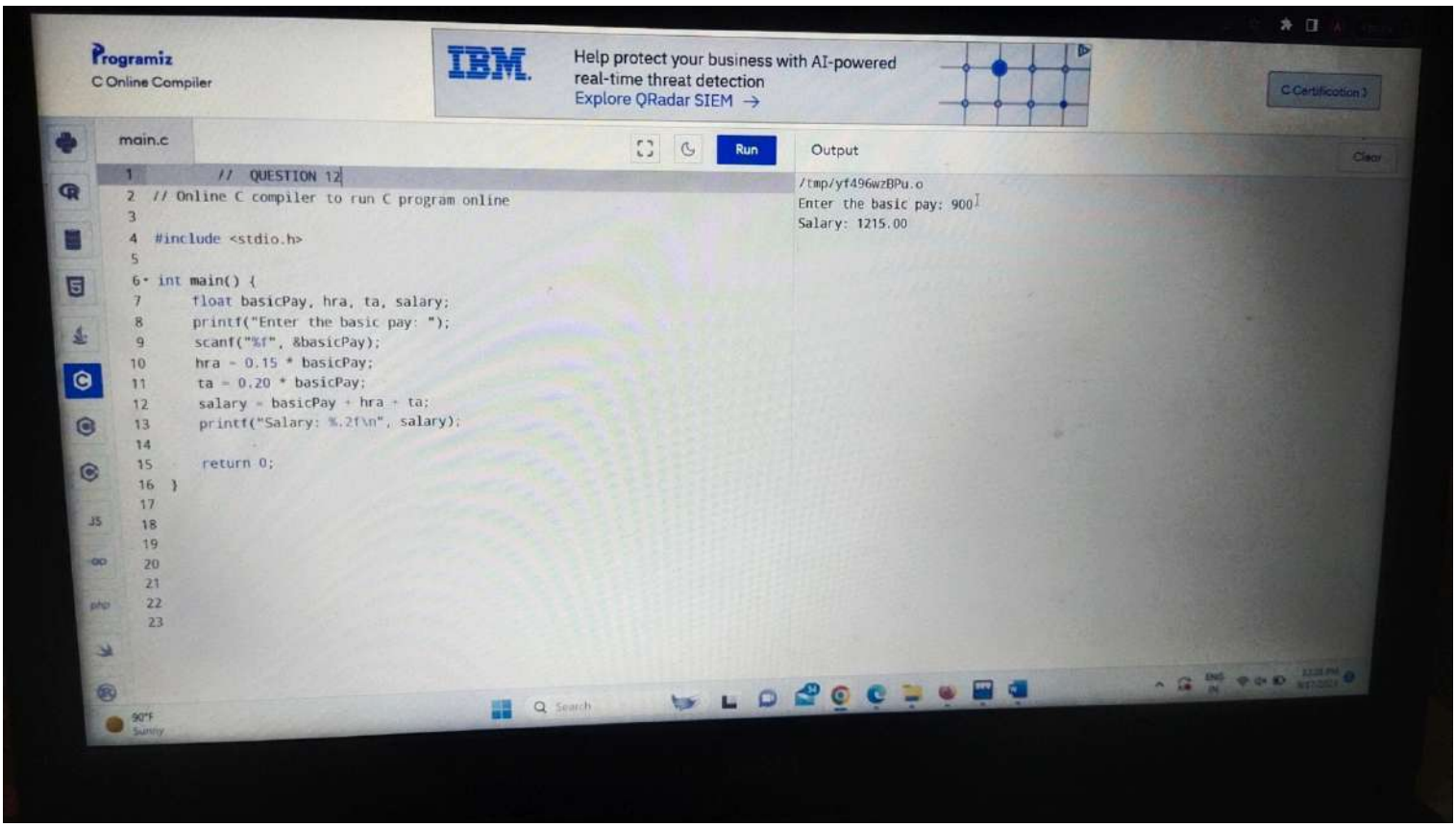
// QUESTION 11
// Online C compiler to run C program online
#include <stdio.h>
int main() {
char character;
printf("Enter a character: ");
scanf(" %c", &character);
printf("The ASCII value of '%c' is: %d\n", character, character);
return 0;
}
/tmp/yf496wzBPu.o
Enter a character: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Output
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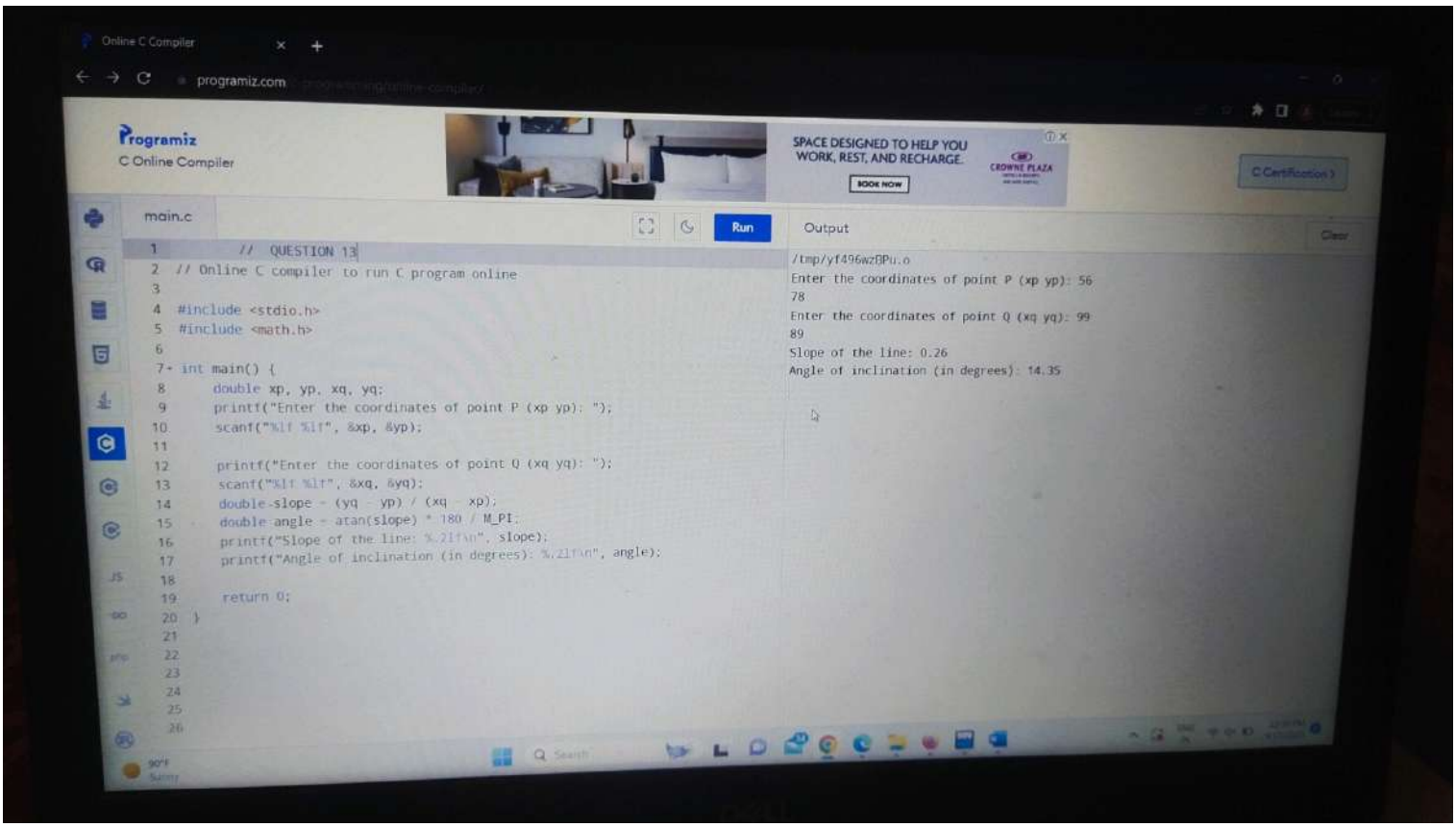
// QUESTION 12
// Online C compiler to run C program online
#include <stdio.h>
int main() {
float basicPay, hra, ta, salary;
printf("Enter the basic pay: ");
scanf("%f", &basicPay);
hra = 0.15 * basicPay;
ta = 0.20 * basicPay;
salary = basicPay + hra + ta;
printf("Salary: %.2f\n", salary);
return 0;
}
/tmp/yf496wzBPu.o
Enter the basic pay: 900
Salary: 1215.00
90°F
Sunny
Search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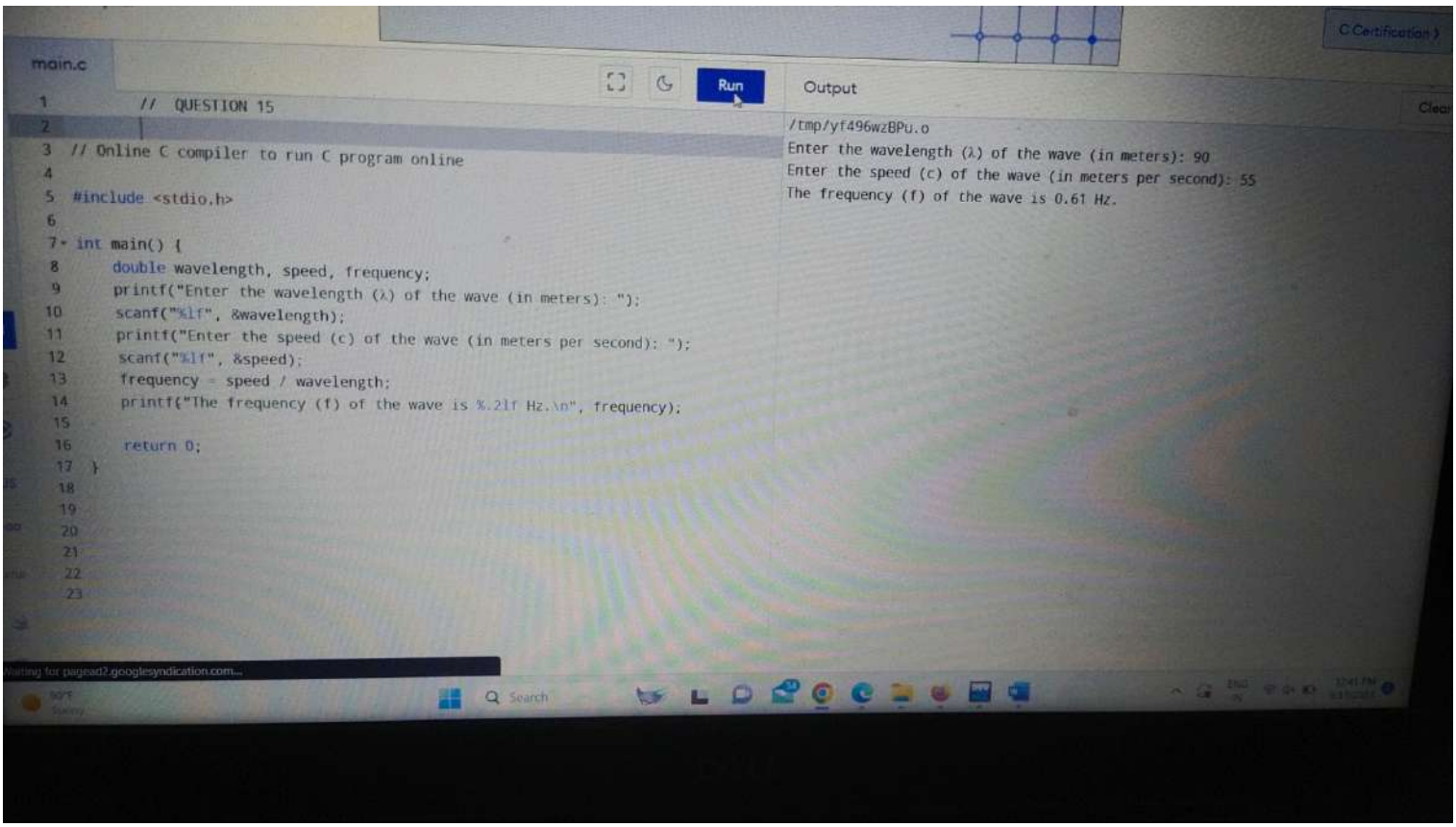
// QUESTION 13
// Online C compiler to run C program online
#include <stdio.h>
#include <math.h>
int main() {
double xp, yp, xq, yq;
printf("Enter the coordinates of point P (xp yp): ");
scanf("%lf %lf", &xp, &yp);
printf("Enter the coordinates of point Q (xq yq): ");
scanf("%lf %lf", &xq, &yq);
double slope = (yq - yp) / (xq - xp);
double angle = atan(slope) * 180 / M_PI;
printf("Slope of the line: %.2lf\n", slope);
printf("Angle of inclination (in degrees): %.2lf\n", angle);
return 0;
}
/tmp/yf496wzBPu.o
Enter the coordinates of point P (xp yp): 56
78
Enter the coordinates of point Q (xq yq): 99
89
Slope of the line: 0.26
Angle of inclination (in degrees): 14.35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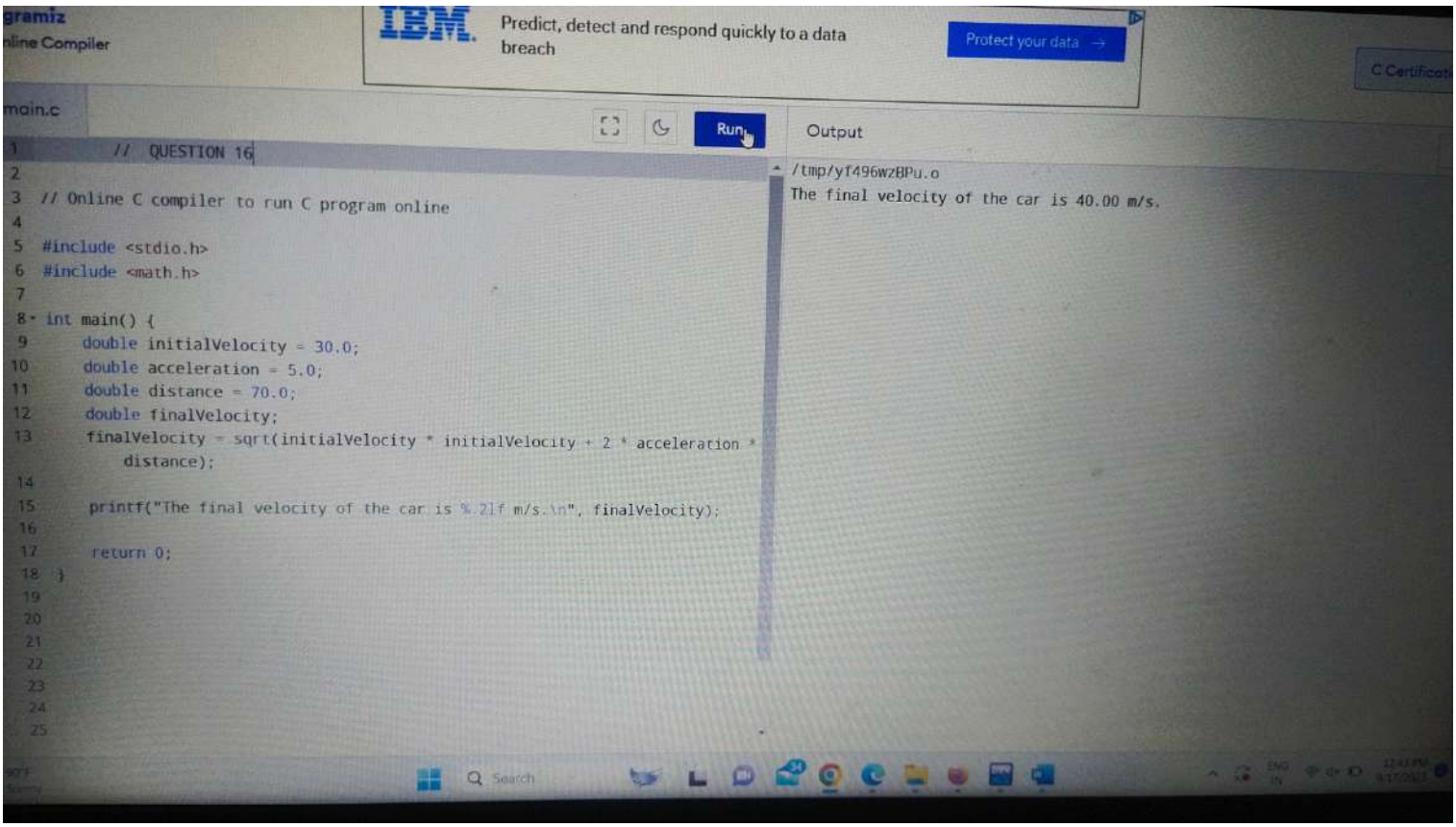
// QUESTION 15
// Online C compiler to run C program online
#include <stdio.h>
int main() {
double wavelength, speed, frequency;
printf("Enter the wavelength (λ) of the wave (in meters): ");
scanf("%lf", &wavelength);
printf("Enter the speed (c) of the wave (in meters per second): ");
scanf("%lf", &speed);
frequency = speed / wavelength;
printf("The frequency (f) of the wave is %.2lf Hz.\n", frequency);
return 0;
}
/tmp/yf496wzBPu.o
Enter the wavelength (λ) of the wave (in meters): 90
Enter the speed (c) of the wave (in meters per second): 55
The frequency (f) of the wave is 0.61 Hz.
Search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Run
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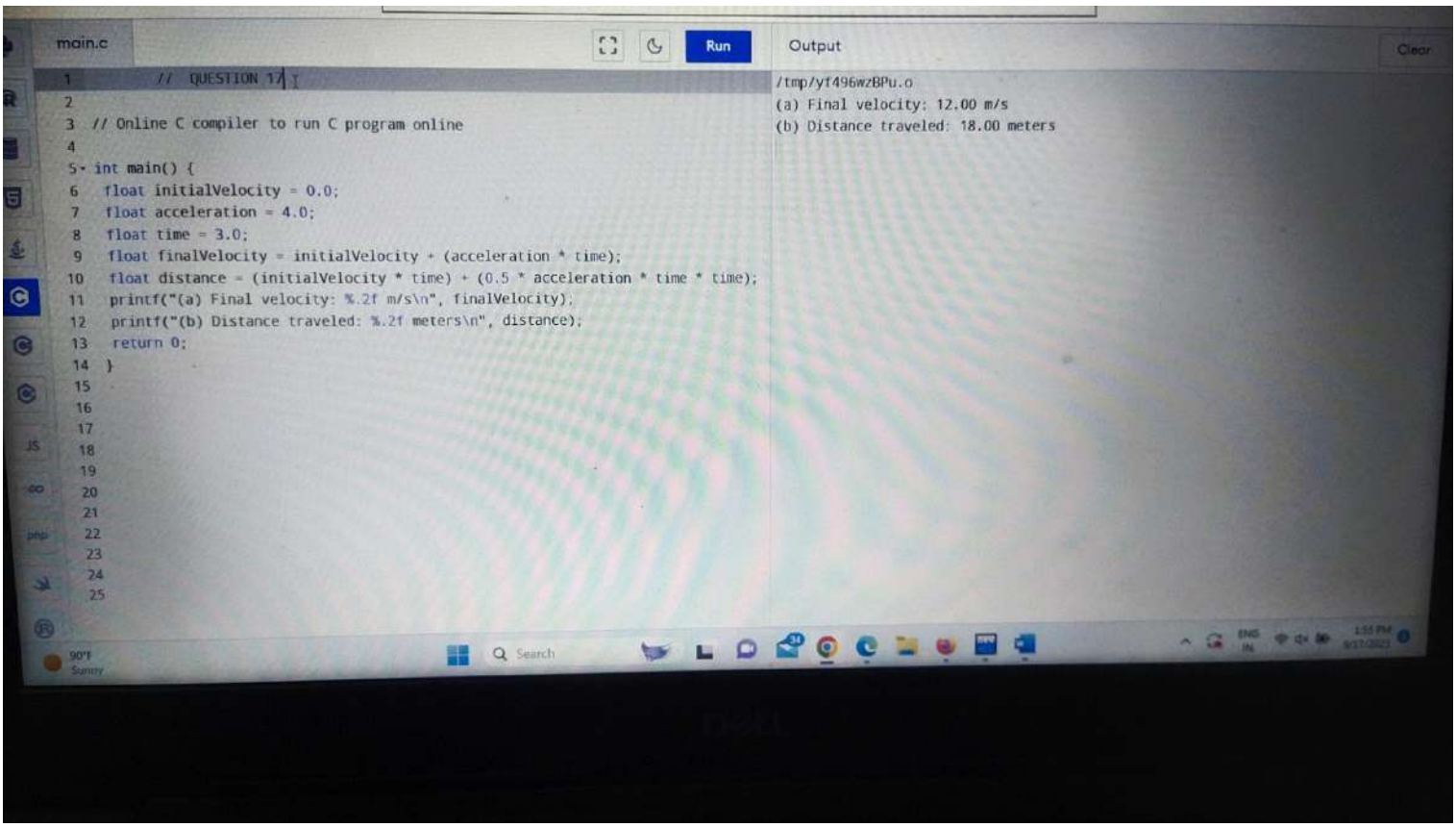
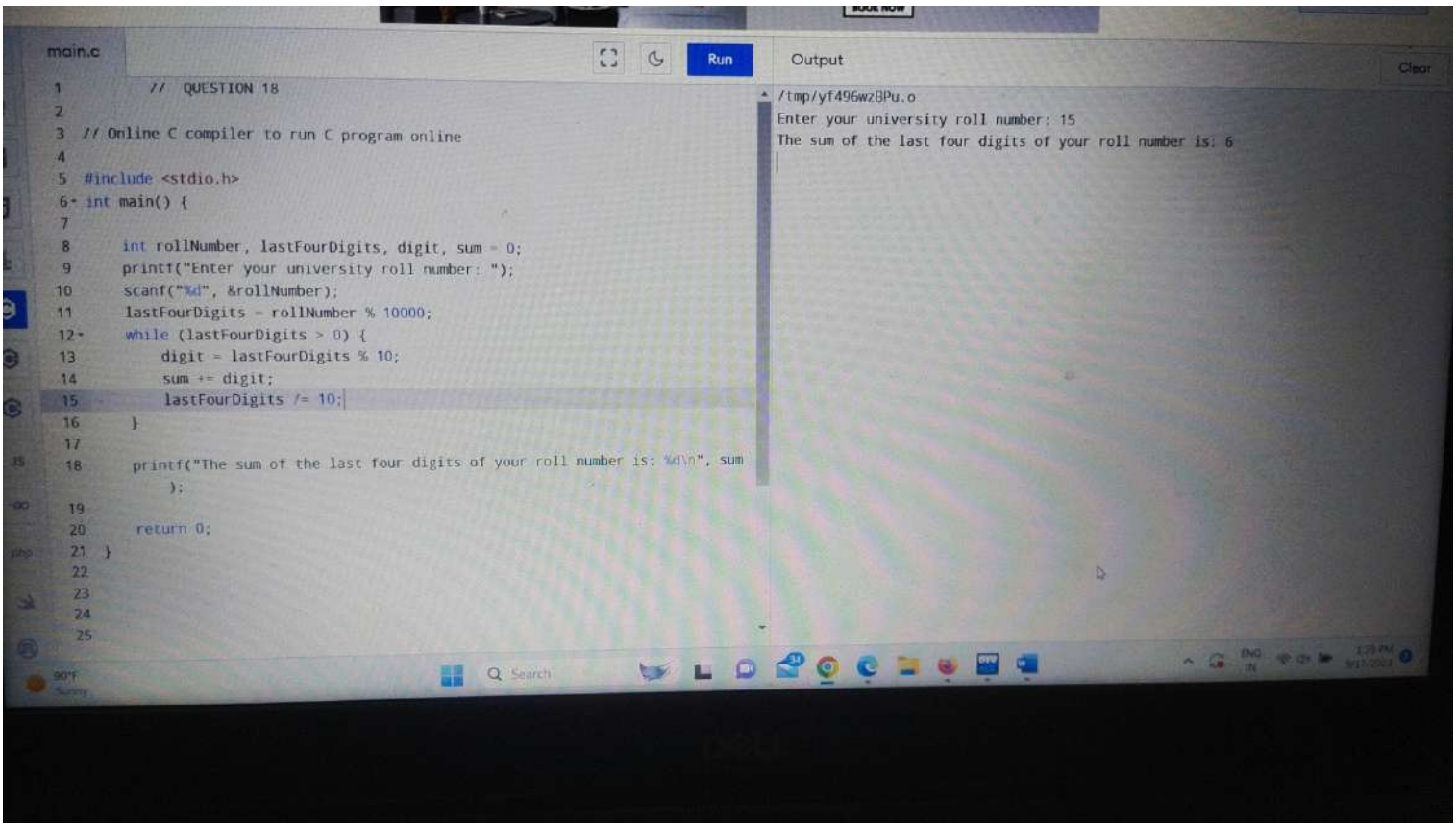
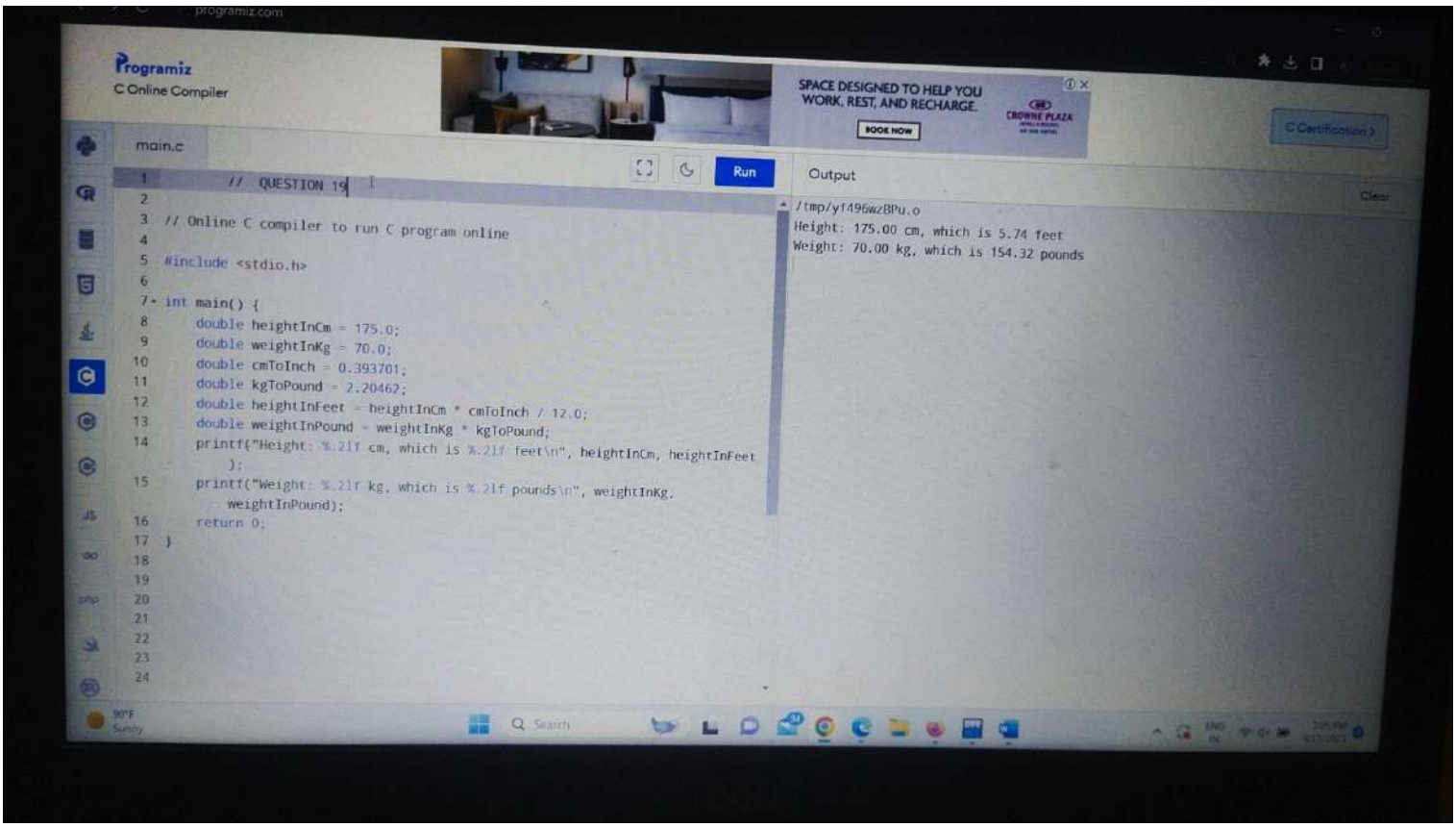
// QUESTION 16
// Online C compiler to run C program online
#include <stdio.h>
#include <math.h>
int main() {
double initialVelocity = 30.0;
double acceleration = 5.0;
double distance = 70.0;
double finalVelocity;
finalVelocity = sqrt(initialVelocity * initialVelocity + 2 * acceleration * distance);
printf("The final velocity of the car is %.2lf m/s.\n", finalVelocity);
return 0;
}
/tmp/yf496WzBPu.o
The final velocity of the car is 40.00 m/s.
Search


main.c
Run
Output
Clear
// QUESTION 17
// Online C compiler to run C program online
int main() {
float initialVelocity = 0.0;
float acceleration = 4.0;
float time = 3.0;
float finalVelocity = initialVelocity + (acceleration * time);
float distance = (initialVelocity * time) + (0.5 * acceleration * time * time);
printf("(a) Final velocity: %.2f m/s\n", finalVelocity);
printf("(b) Distance traveled: %.2f meters\n", distance);
return 0;
}
/tmp/yf496wzBPu.o
(a) Final velocity: 12.00 m/s
(b) Distance traveled: 18.00 meters
Search


main.c
Run
Output
Clear
// QUESTION 18
// Online C compiler to run C program online
#include <stdio.h>
int main() {
int rollNumber, lastFourDigits, digit, sum = 0;
printf("Enter your university roll number: ");
scanf("%d", &rollNumber);
lastFourDigits = rollNumber % 10000;
while (lastFourDigits > 0) {
digit = lastFourDigits % 10;
sum += digit;
lastFourDigits /= 10;
}
printf("The sum of the last four digits of your roll number is: %d\n", sum
);
return 0;
}
/tmp/yf496wzBPu.o
Enter your university roll number: 15
The sum of the last four digits of your roll number is: 6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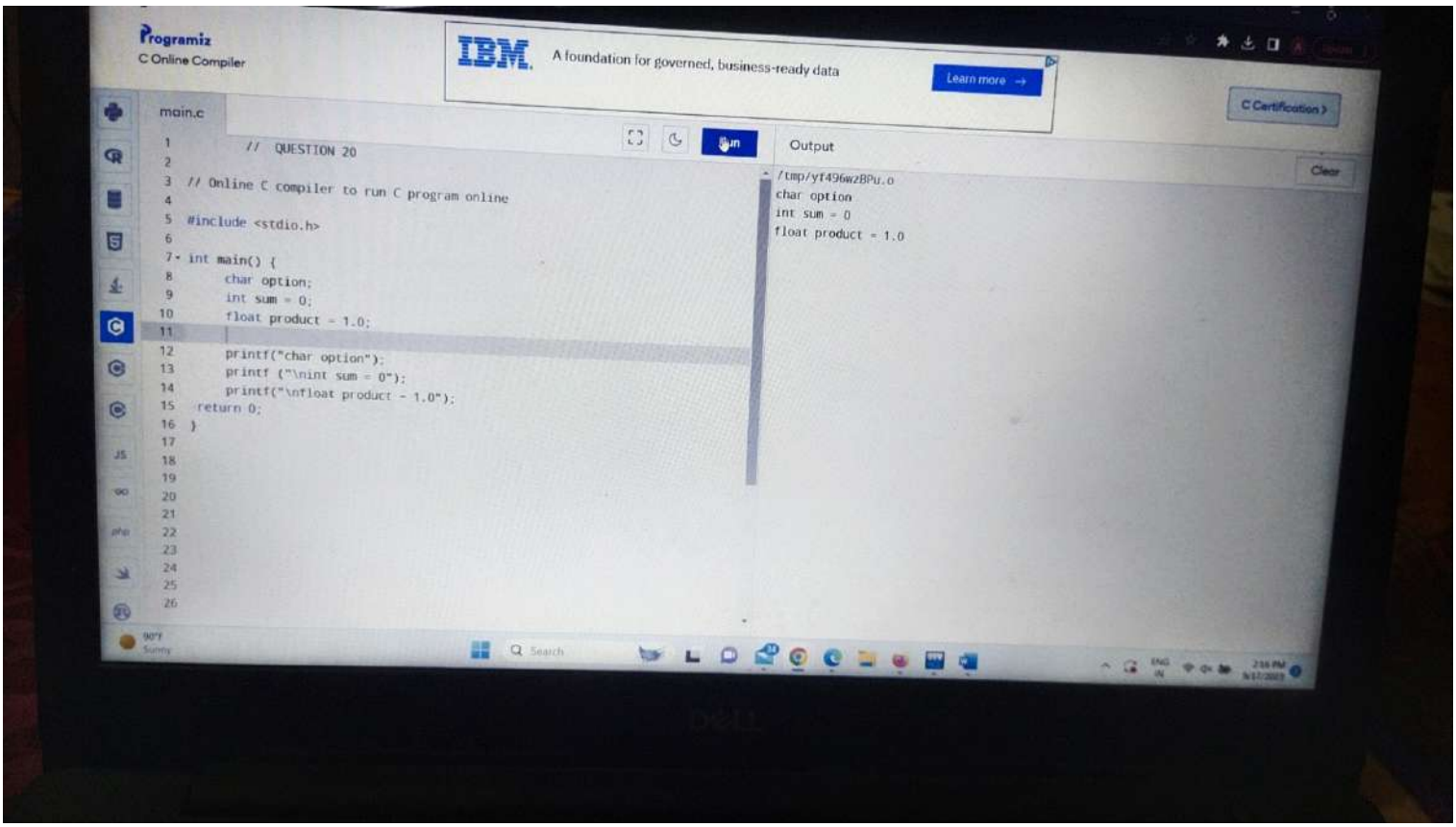
Run
Output
Clear
// QUESTION 19
// Online C compiler to run C program online
#include <stdio.h>
int main() {
double heightInCm = 175.0;
double weightInKg = 70.0;
double cmToInch = 0.393701;
double kgToPound = 2.20462;
double heightInFeet = heightInCm * cmToInch / 12.0;
double weightInPound = weightInKg * kgToPound;
printf("Height: %.2lf cm, which is %.2lf feet\n", heightInCm, heightInFeet
);
printf("Weight: %.2lf kg, which is %.2lf pounds\n", weightInKg,
weightInPound);
return 0;
}
/tmp/yf496wzBPu.o
Height: 175.00 cm, which is 5.74 feet
Weight: 70.00 kg, which is 154.32 pounds
90°F
Sunny
Search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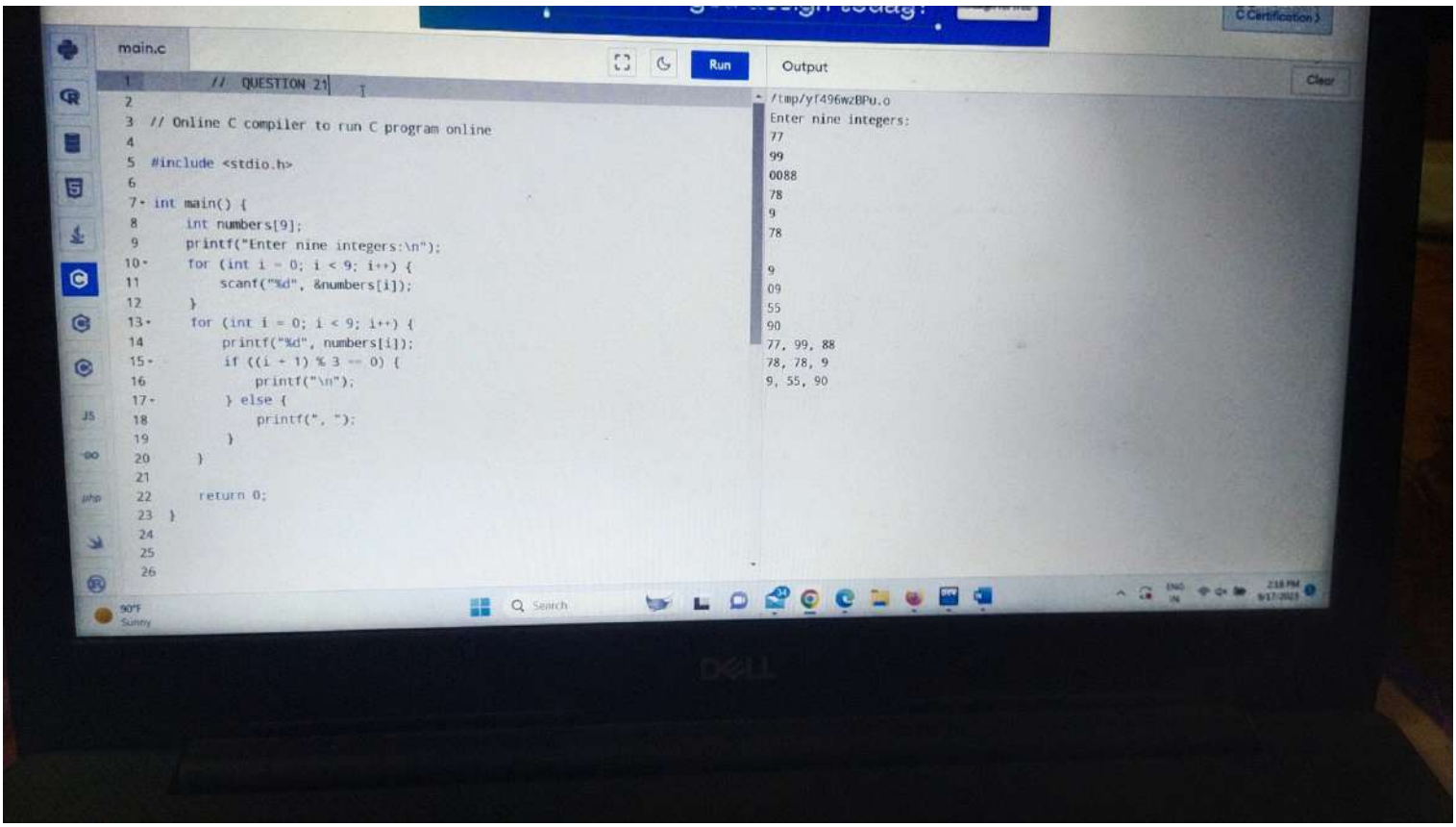
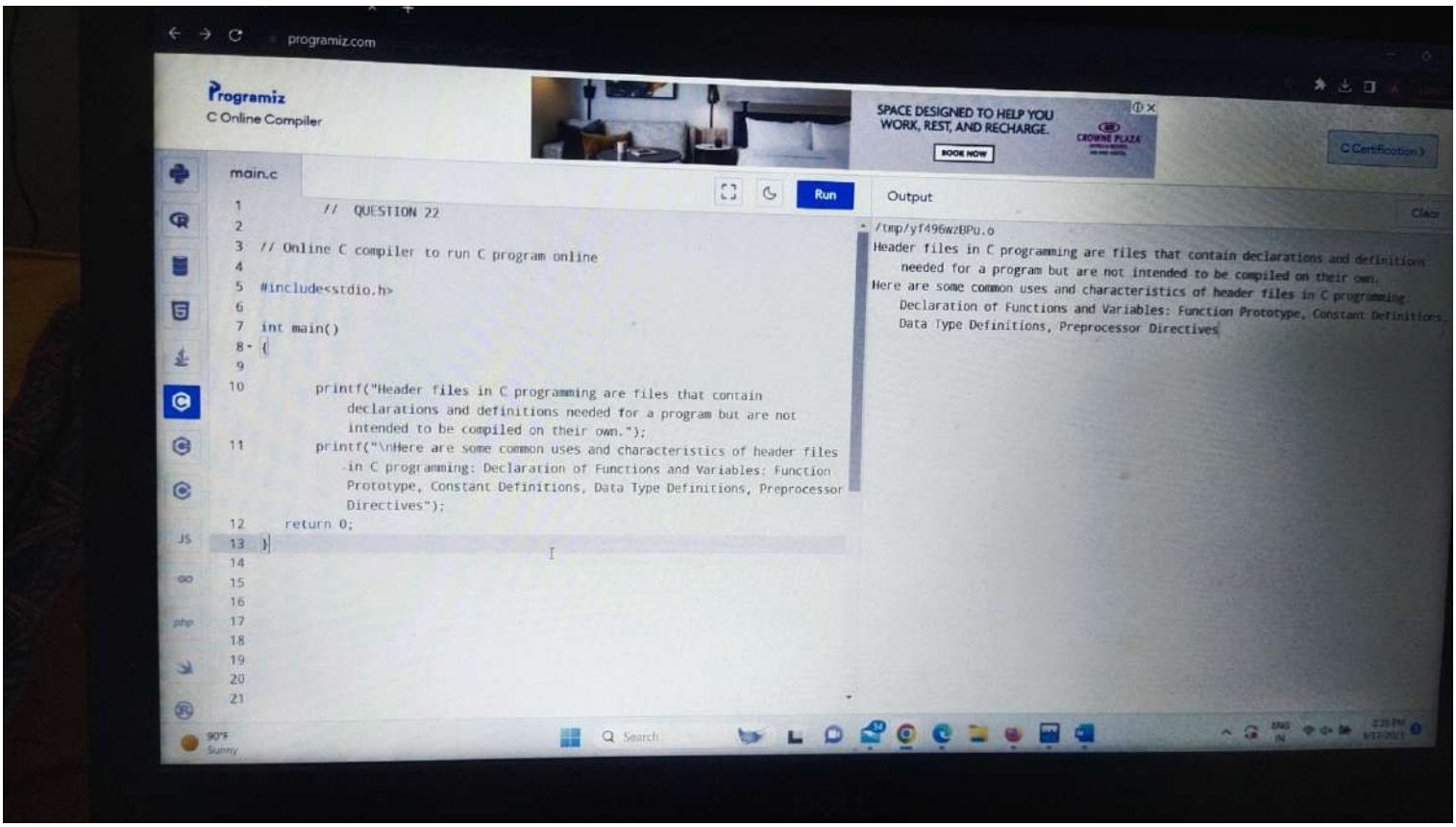
Run
Output
Clear
// QUESTION 20
// Online C compiler to run C program online
#include <stdio.h>
int main() {
char option;
int sum = 0;
float product = 1.0;
printf("char option");
printf ("\nint sum = 0");
printf("\nfloat product = 1.0");
return 0;
}
/tmp/Yf496wzBPu.o
char option
int sum = 0
float product = 1.0
Search


main.c
Run
Output
Clear
// QUESTION 21
// Online C compiler to run C program online
#include <stdio.h>
int main() {
int numbers[9];
printf("Enter nine integers:\n");
for (int i = 0; i < 9; i++) {
scanf("%d", &numbers[i]);
}
for (int i = 0; i < 9; i++) {
printf("%d", numbers[i]);
if ((i + 1) % 3 == 0) {
printf("\n");
} else {
printf(", ");
}
}
return 0;
}
/tmp/yf496wzBPu.o
Enter nine integers:
77
99
0088
78
9
78
9
09
55
90
77, 99, 88
78, 78, 9
9, 55, 90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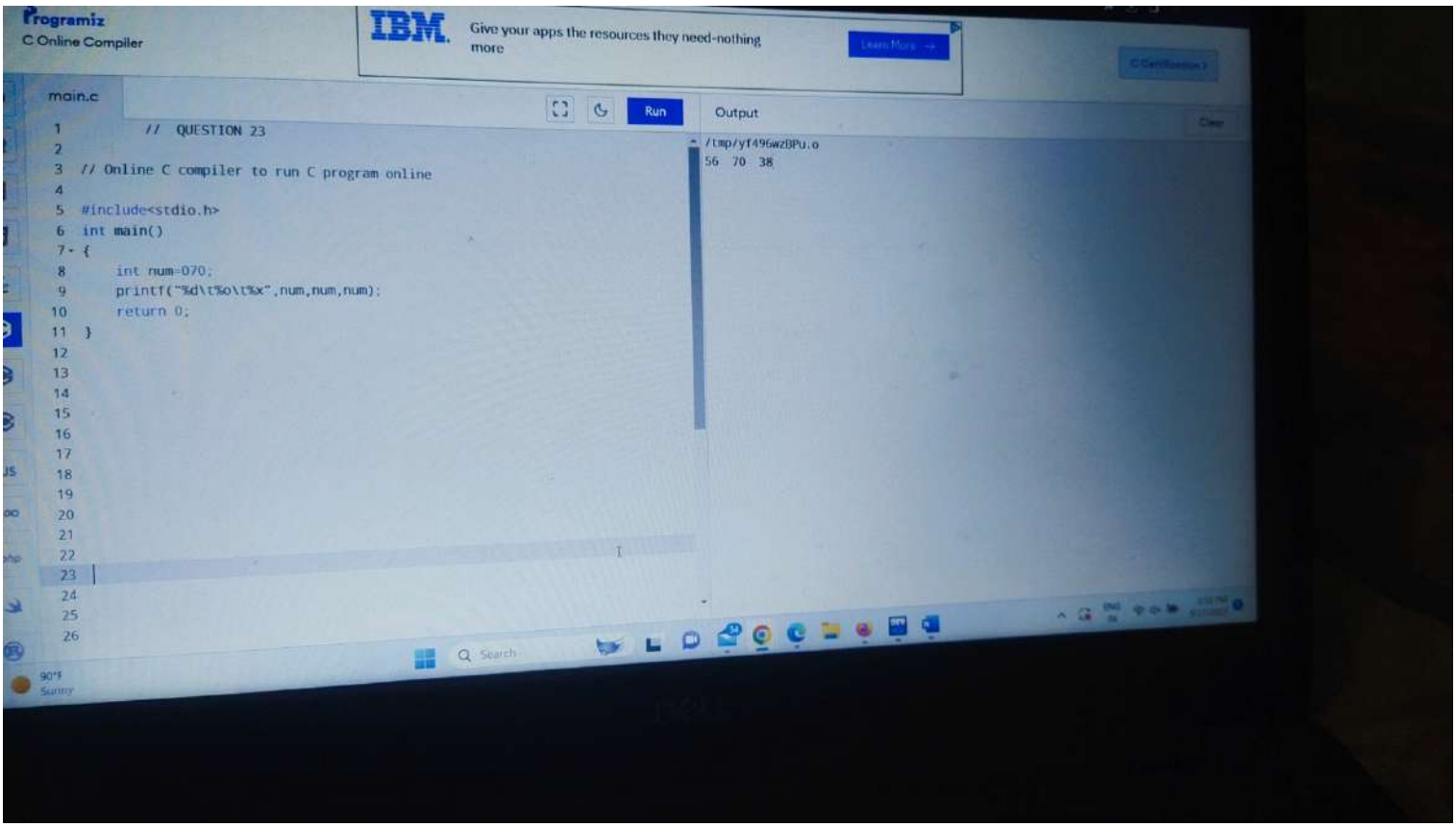
Output
Clear
// QUESTION 22
// Online C compiler to run C program online
#include<stdio.h>
int main()
{
printf("Header files in C programming are files that contain declarations and definitions needed for a program but are not intended to be compiled on their own.");
printf("\nHere are some common uses and characteristics of header files in C programming: Declaration of Functions and Variables: Function Prototype, Constant Definitions, Data Type Definitions, Preprocessor Directives");
return 0;
}
/tmp/yf496wzBPu.o
Header files in C programming are files that contain declarations and definitions needed for a program but are not intended to be compiled on their own.
Here are some common uses and characteristics of header files in C programming: Declaration of Functions and Variables: Function Prototype, Constant Definitions, Data Type Definitions, Preprocessor Directives
90°F
Sunny
Search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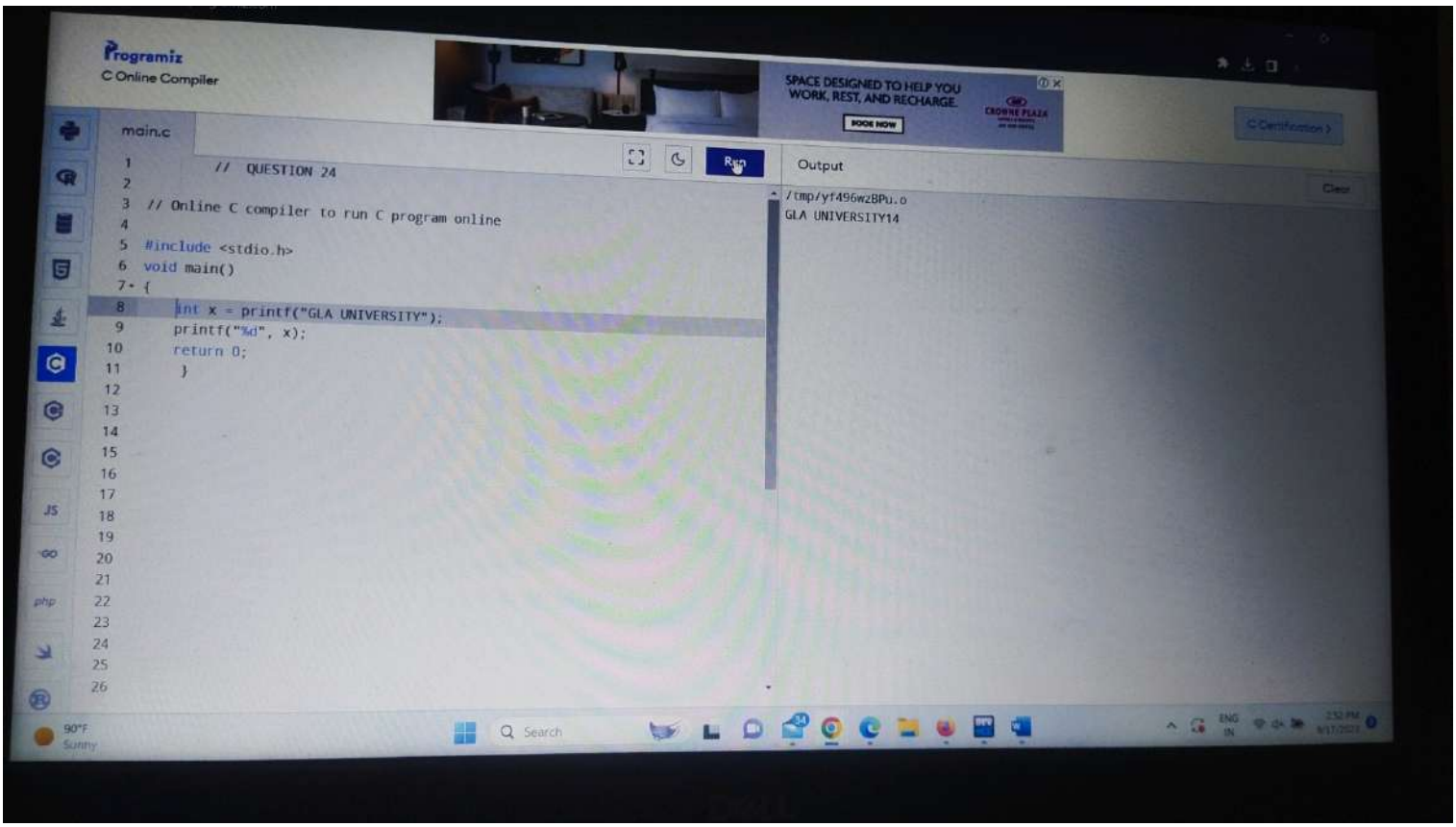
// QUESTION 23
// Online C compiler to run C program online
#include<stdio.h>
int main()
{
int num=070;
printf("%d\t%o\t%x",num,num,num);
return 0;
}
/tmp/yf496wzBPu.o
56 70 38
Search
90°F
Sunny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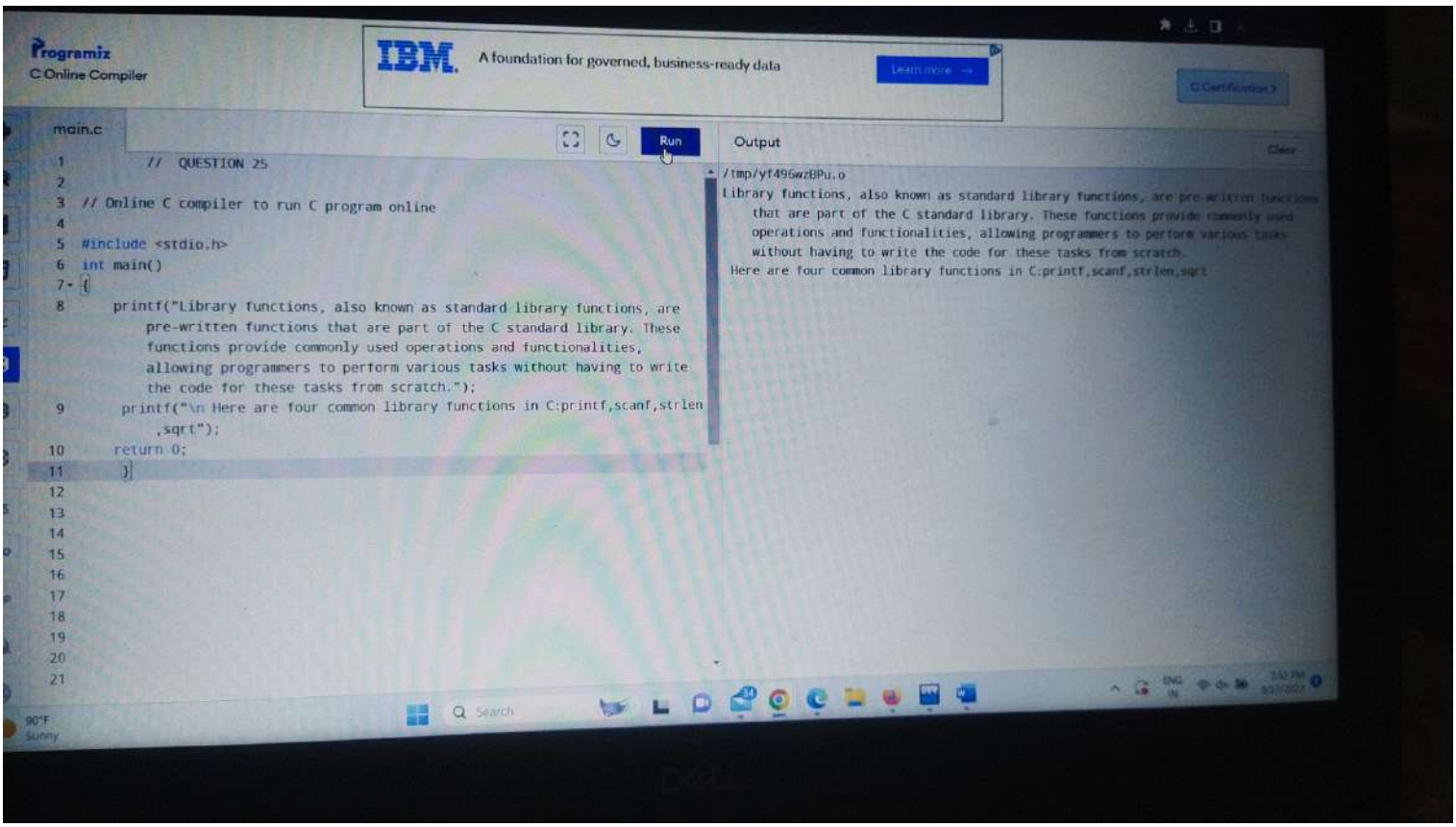
Run
Output
Clear
// QUESTION 24
// Online C compiler to run C program online
#include <stdio.h>
void main()
{
int x = printf("GLA UNIVERSITY");
printf("%d", x);
return 0;
}
/tmp/yf496w2BPu.o
GLA UNIVERSITY14
90°F
Sunny
Search
ENG
IN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// QUESTION 25
// Online C compiler to run C program online
#include <stdio.h>
int main()
{
printf("Library functions, also known as standard library functions, are pre-written functions that are part of the C standard library. These functions provide commonly used operations and functionalities, allowing programmers to perform various tasks without having to write the code for these tasks from scratch.");
printf("\n Here are four common library functions in C:printf,scanf,strlen,sqrt");
return 0;
}
/tmp/yf496wzBPu.o
Library functions, also known as standard library functions, are pre-written functions that are part of the C standard library. These functions provide commonly used operations and functionalities, allowing programmers to perform various tasks without having to write the code for these tasks from scratch.
Here are four common library functions in C:printf,scanf,strlen,sqrt
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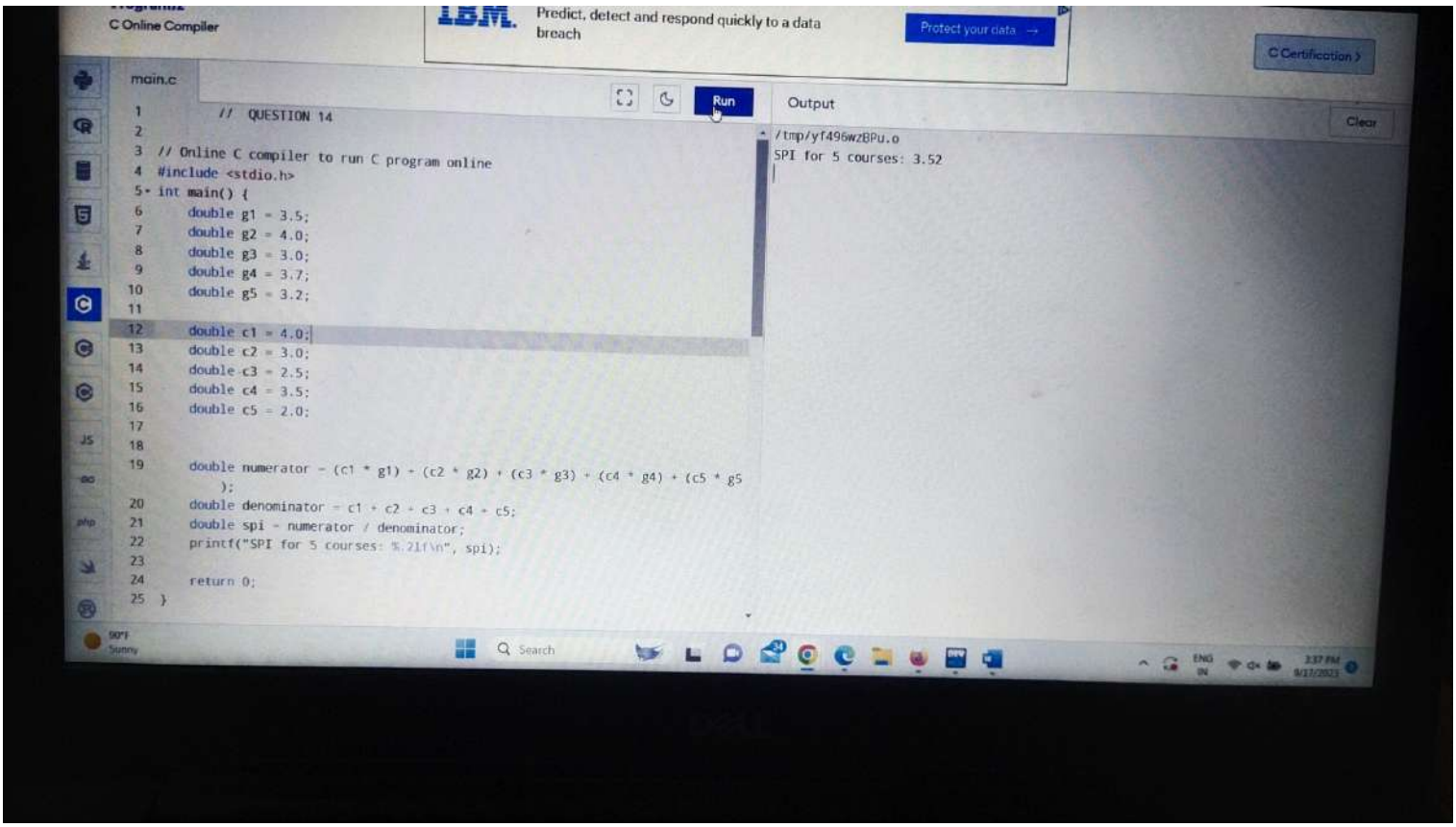
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// QUESTION 14
// Online C compiler to run C program online
#include <stdio.h>
int main() {
double g1 = 3.5;
double g2 = 4.0;
double g3 = 3.0;
double g4 = 3.7;
double g5 = 3.2;
double c1 = 4.0;
double c2 = 3.0;
double c3 = 2.5;
double c4 = 3.5;
double c5 = 2.0;
double numerator = (c1 * g1) + (c2 * g2) + (c3 * g3) + (c4 * g4) + (c5 * g5);
double denominator = c1 + c2 + c3 + c4 + c5;
double spi = numerator / denominator;
printf("SPI for 5 courses: %.2lf\n", spi);
return 0;
}
/tmp/yf496wzBPu.o
SPI for 5 courses: 3.52
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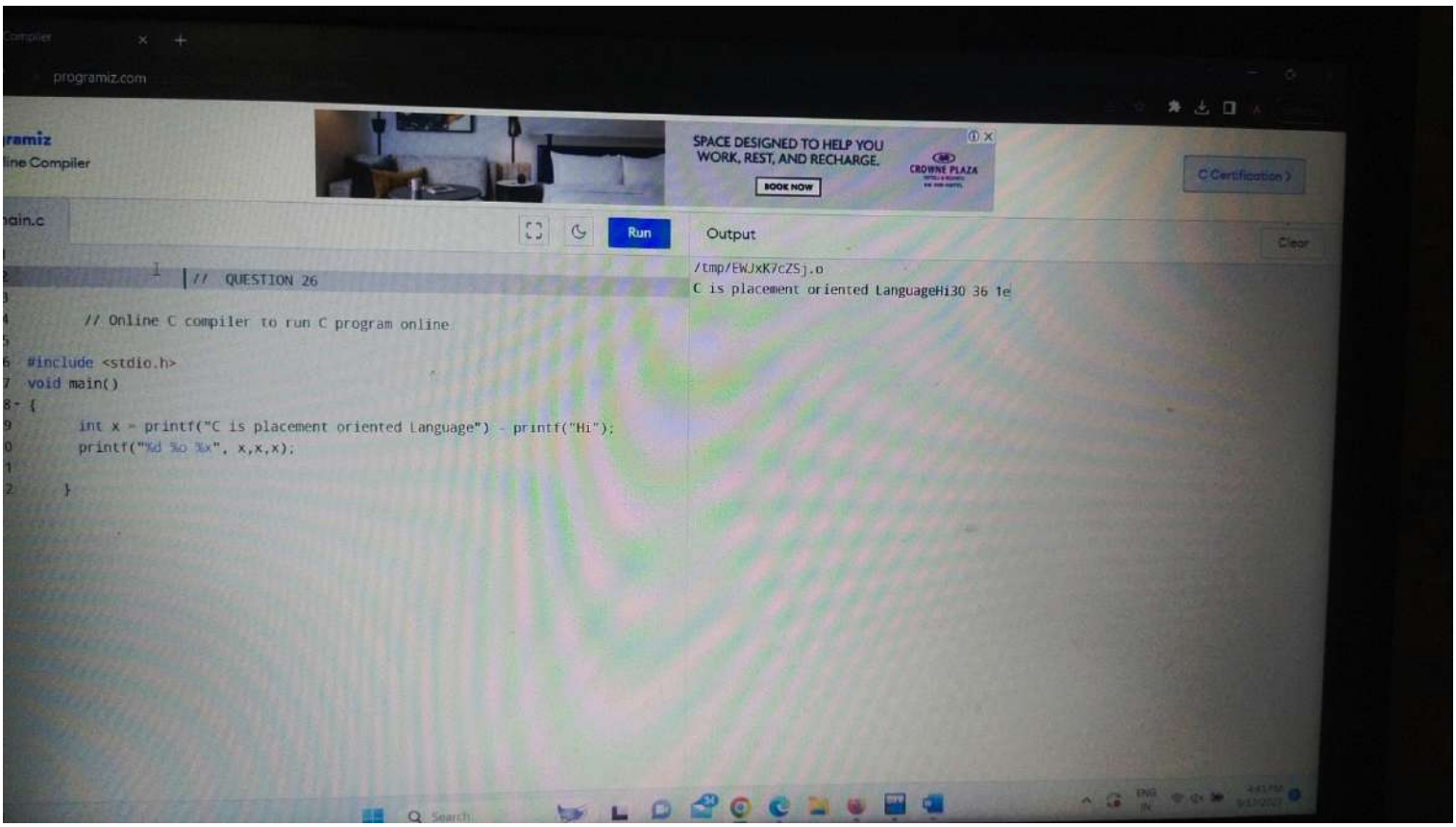
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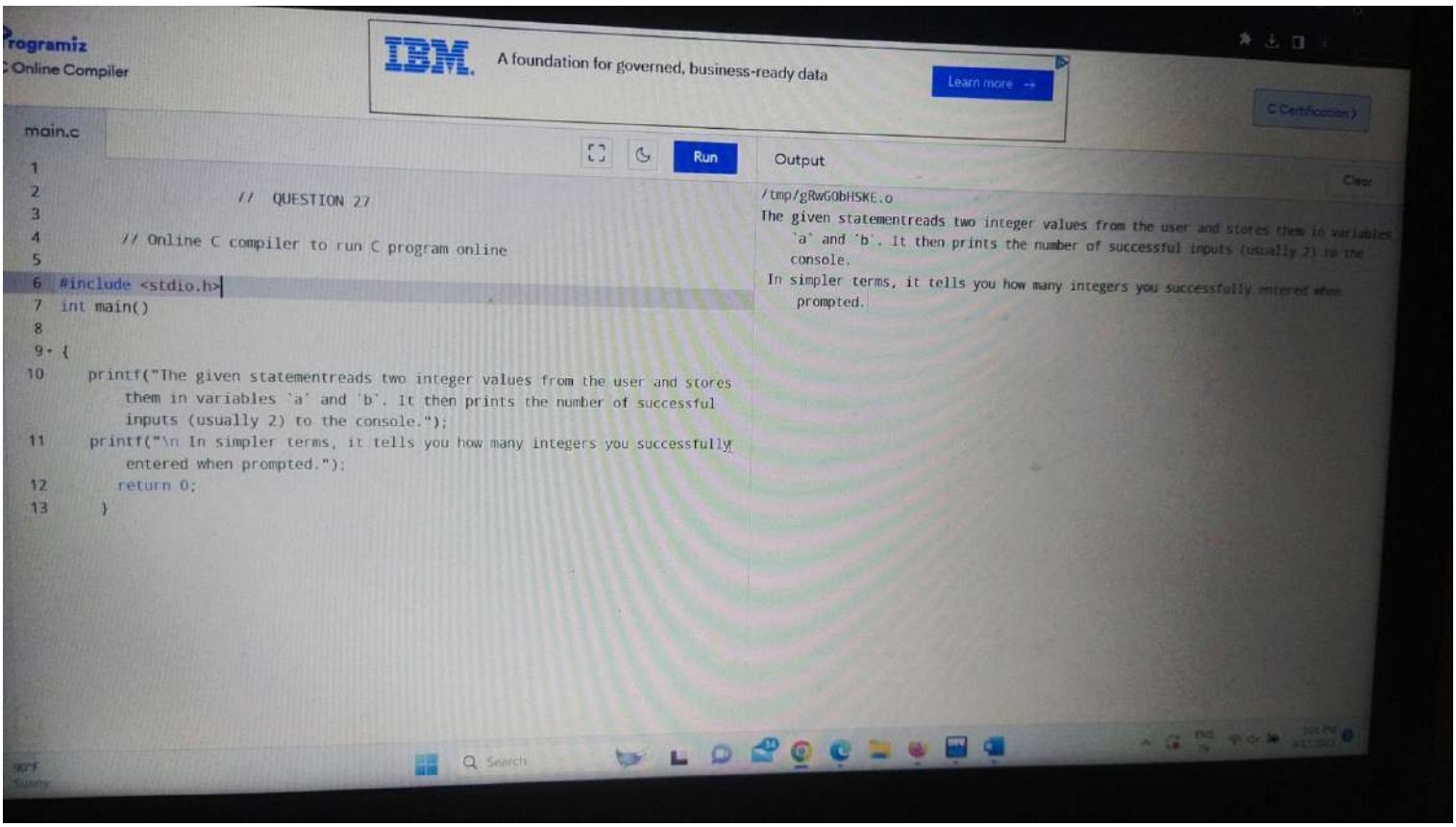
// QUESTION 26
// Online C compiler to run C program online
#include <stdio.h>
void main()
{
int x = printf("C is placement oriented Language") - printf("Hi");
printf("%d %o %x", x,x,x);
}
/tmp/EWJxK7cZSj.o
C is placement oriented LanguageHi30 36 1e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Output
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// QUESTION 27
// Online C compiler to run C program online
#include <stdio.h>
int main()
{
printf("The given statementreads two integer values from the user and stores them in variables `a` and `b`. It then prints the number of successful inputs (usually 2) to the console.");
printf("\n In simpler terms, it tells you how many integers you successfully entered when prompted.");
return 0;
}
/tmp/gRwGObHSKE.o
The given statementreads two integer values from the user and stores them in variables `a` and `b`. It then prints the number of successful inputs (usually 2) to the console.
In simpler terms, it tells you how many integers you successfully entered when prompted.
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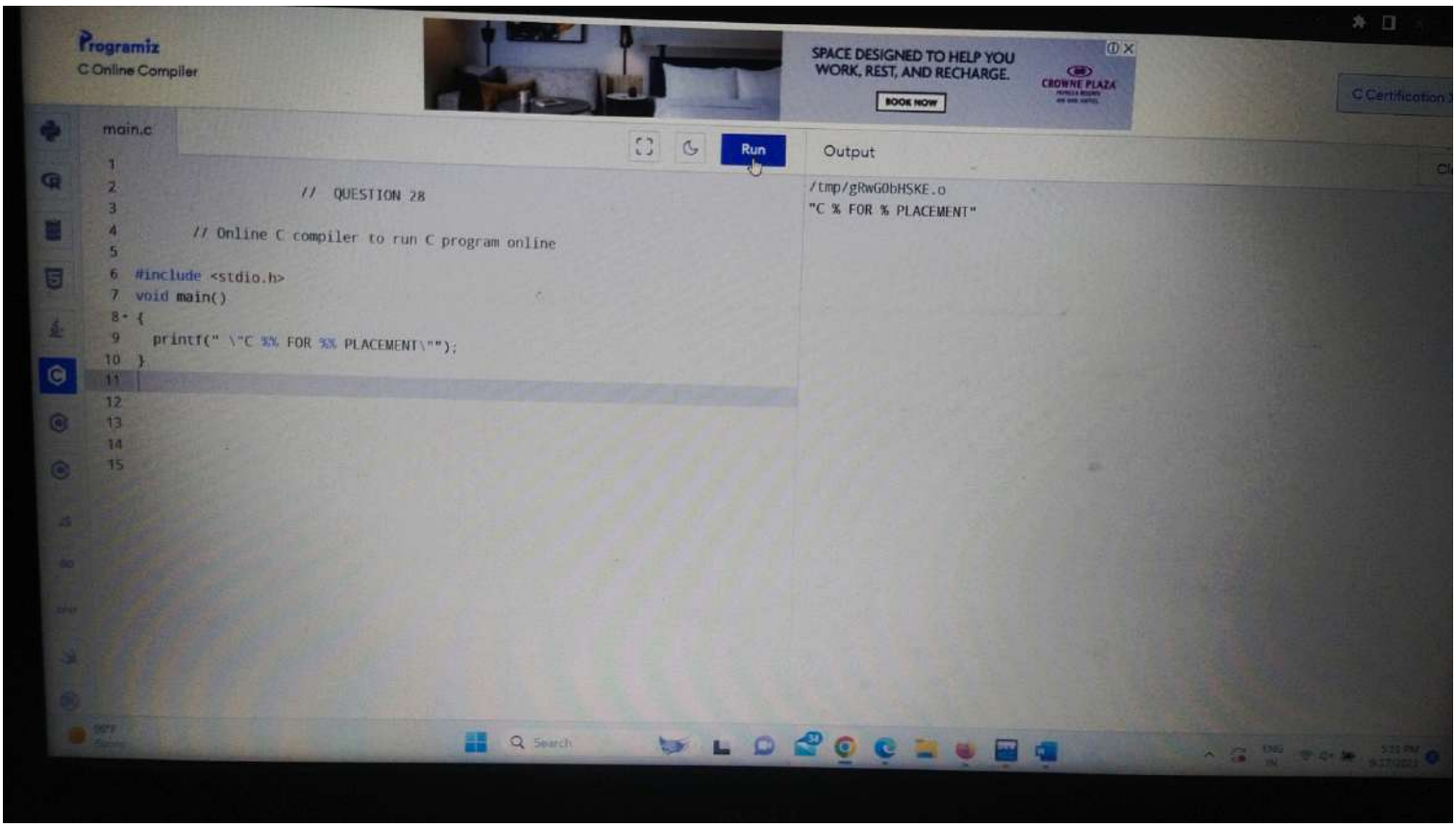
main.c

Run

Output

```
1
2                   //  QUESTION 29
3
4          // Online C compiler to run C program online
5
6  #include <stdio.h>
7
8  int main() {
9      double distance, time, speed;
10
11     printf("Enter the distance between GLA University and Delhi  ");
12     scanf("%lf", &distance);
13
14     printf("Enter the time taken to reach Delhi by bus  ");
15     scanf("%lf", &time);
16
17     speed = distance / time;
18     printf("The speed of the bus is %.2lf km/h\n", speed);
19
20     return 0;
21 }
22
23
24
25
```

```
/tmp/gRwG0bHSKE.o
Enter the distance between GLA University and Delhi  999
Enter the time taken to reach Delhi by bus  242
The speed of the bus is 4.13 km/h
```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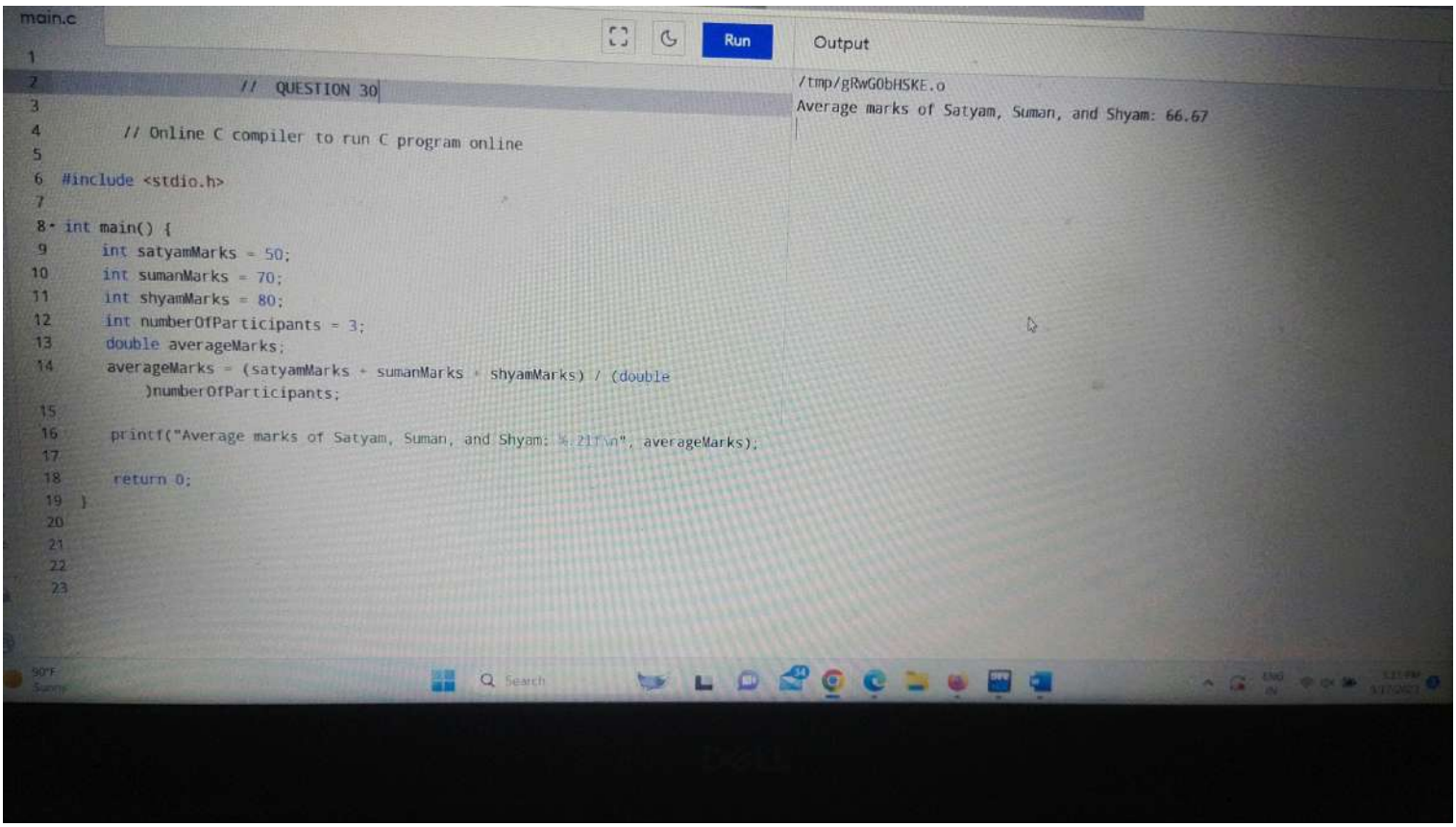
// QUESTION 28
// Online C compiler to run C program online
#include <stdio.h>
void main()
{
printf(" \"C %% FOR %% PLACEMENT\"");
}
/tmp/gRwGObHSKE.o
"C % FOR % PLACEMENT"
Search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Run
Output
// QUESTION 30
// Online C compiler to run C program online
#include <stdio.h>
int main() {
int satyamMarks = 50;
int sumanMarks = 70;
int shyamMarks = 80;
int numberOfParticipants = 3;
double averageMarks;
averageMarks = (satyamMarks + sumanMarks + shyamMarks) / (double
)numberOfParticipants;
printf("Average marks of Satyam, Suman, and Shyam: %.2f\n", averageMarks);
return 0;
}
/tmp/gRwGObHSKE.o
Average marks of Satyam, Suman, and Shyam: 66.67
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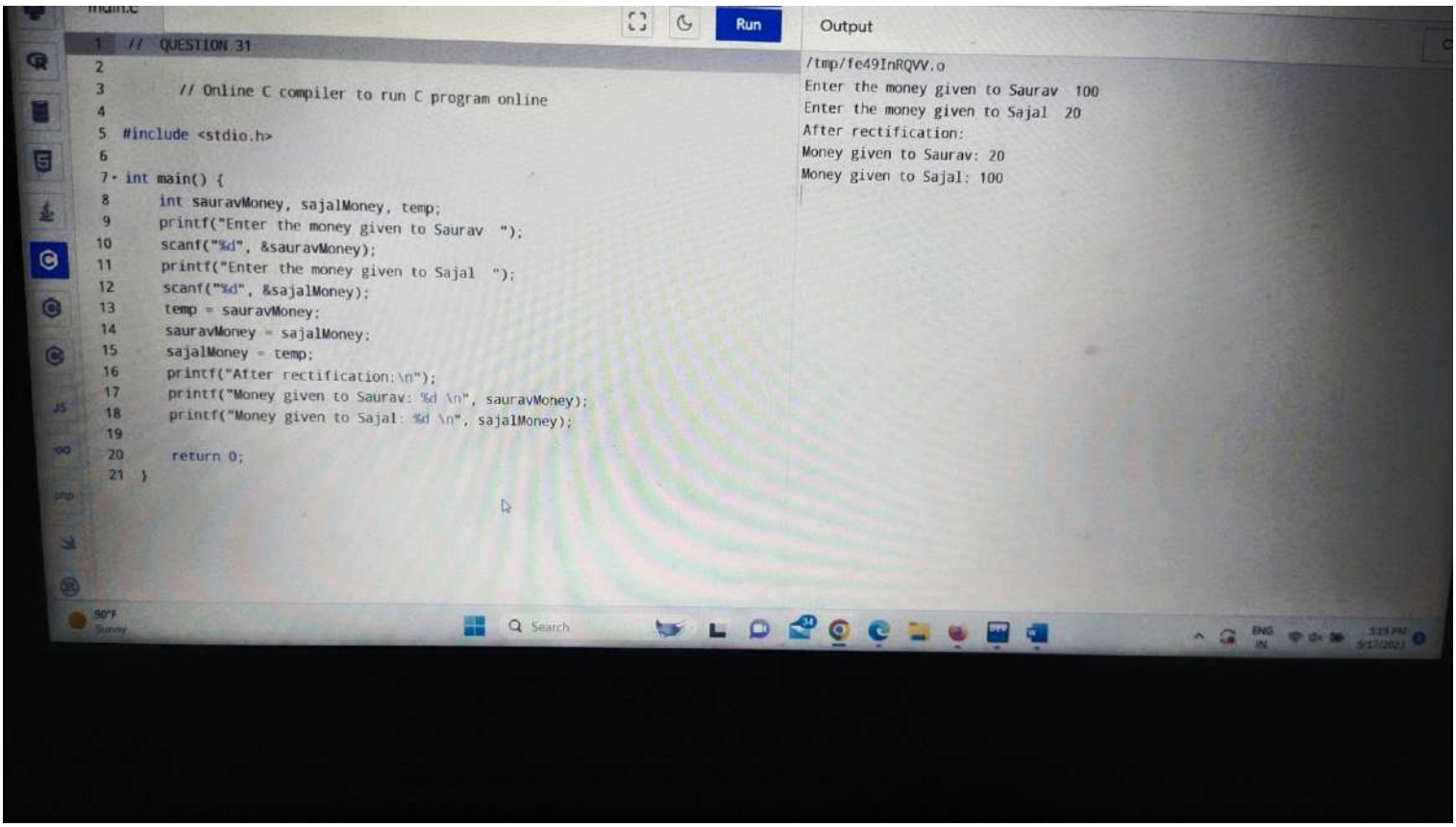
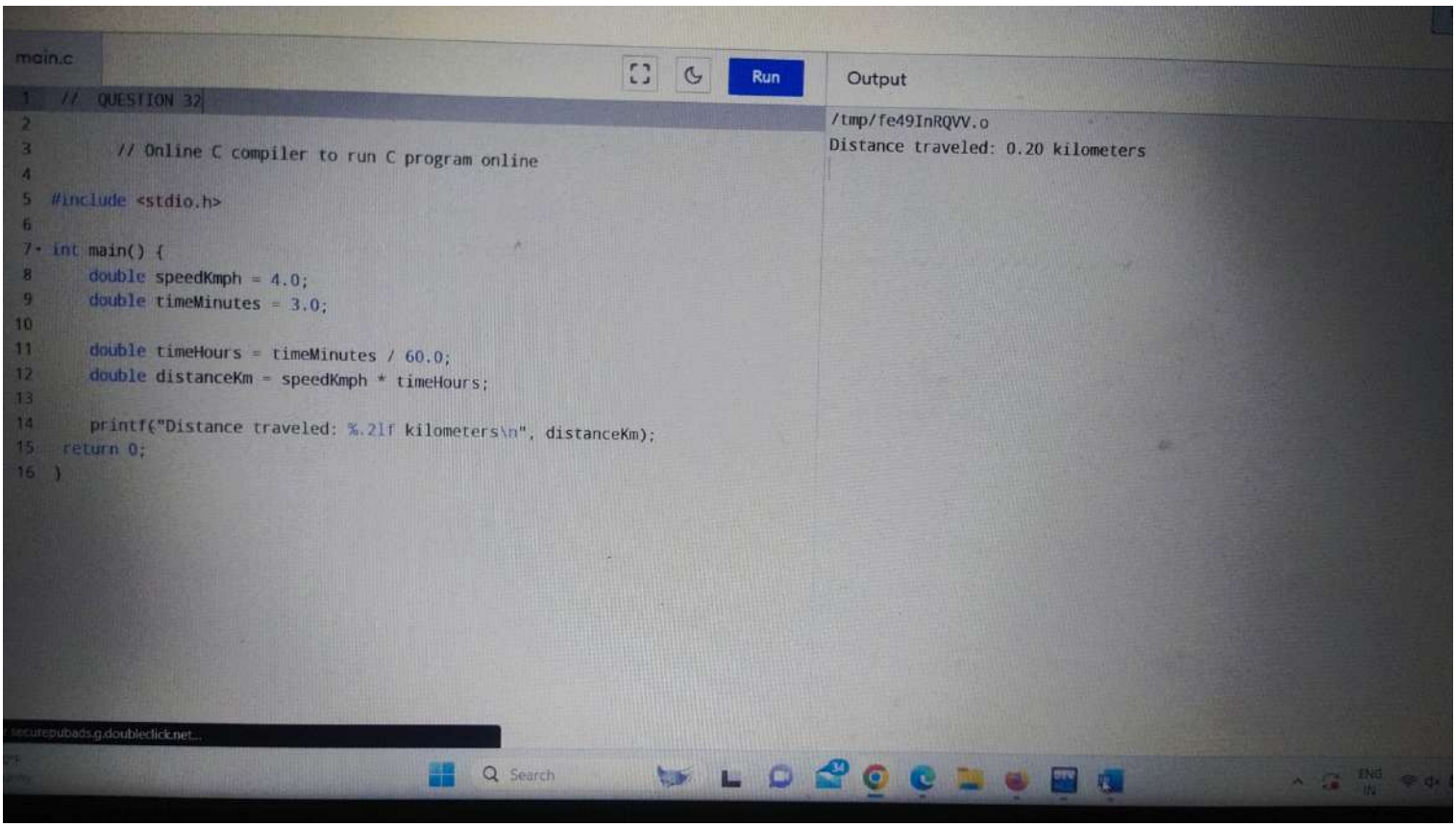

main.c
Run
Output
// QUESTION 31
// Online C compiler to run C program online
#include <stdio.h>
int main() {
int sauravMoney, sajalMoney, temp;
printf("Enter the money given to Saurav ");
scanf("%d", &sauravMoney);
printf("Enter the money given to Sajal ");
scanf("%d", &sajalMoney);
temp = sauravMoney;
sauravMoney = sajalMoney;
sajalMoney = temp;
printf("After rectification:\n");
printf("Money given to Saurav: %d \n", sauravMoney);
printf("Money given to Sajal: %d \n", sajalMoney);
return 0;
}
/tmp/fe49InRQVV.o
Enter the money given to Saurav 100
Enter the money given to Sajal 20
After rectification:
Money given to Saurav: 20
Money given to Sajal: 100
Search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Run
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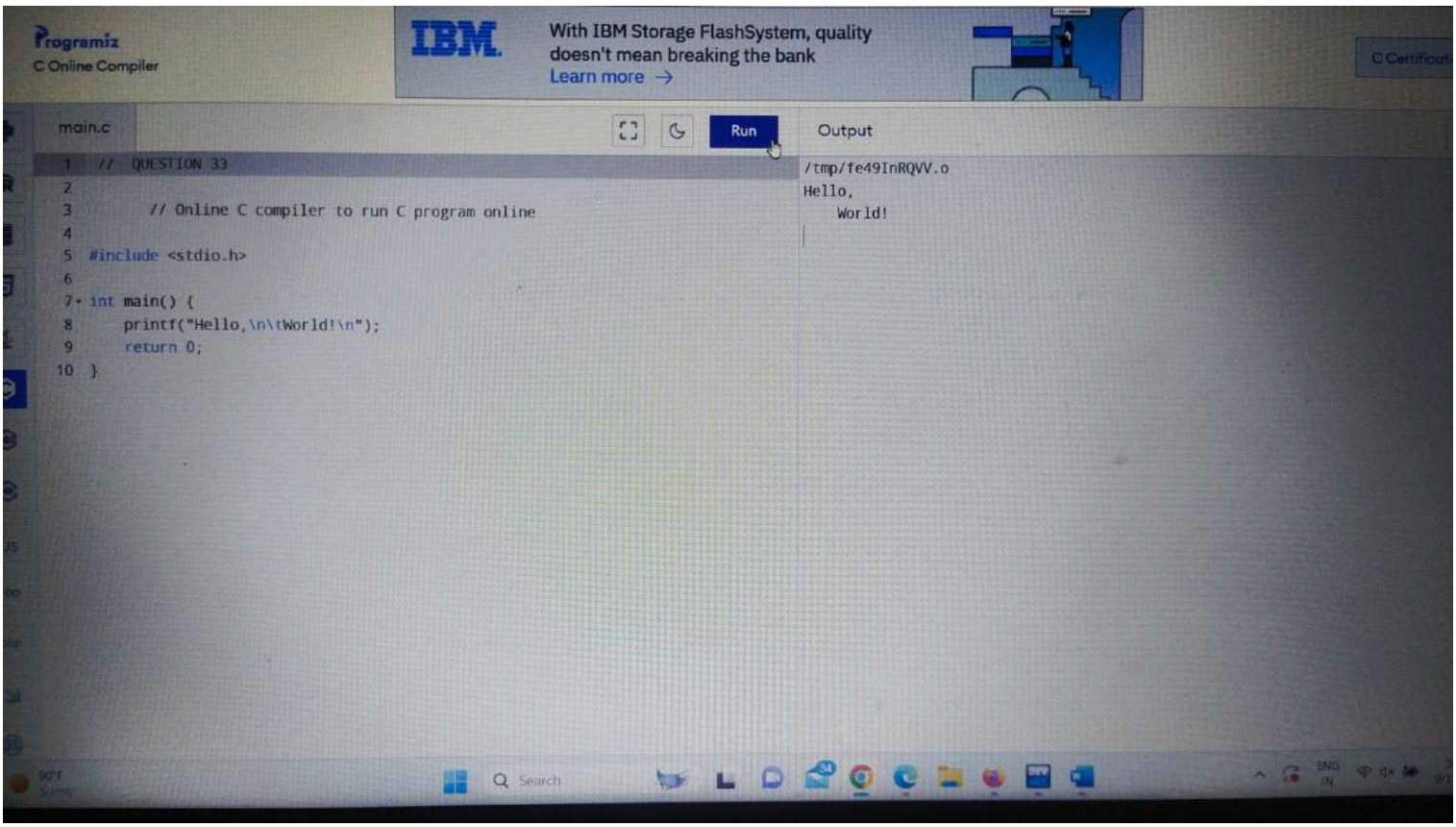
// QUESTION 32
// Online C compiler to run C program online
#include <stdio.h>
int main() {
double speedKmph = 4.0;
double timeMinutes = 3.0;
double timeHours = timeMinutes / 60.0;
double distanceKm = speedKmph * timeHours;
printf("Distance traveled: %.2lf kilometers\n", distanceKm);
return 0;
}
/tmp/fe49InRQVV.o
Distance traveled: 0.20 kilometers
Search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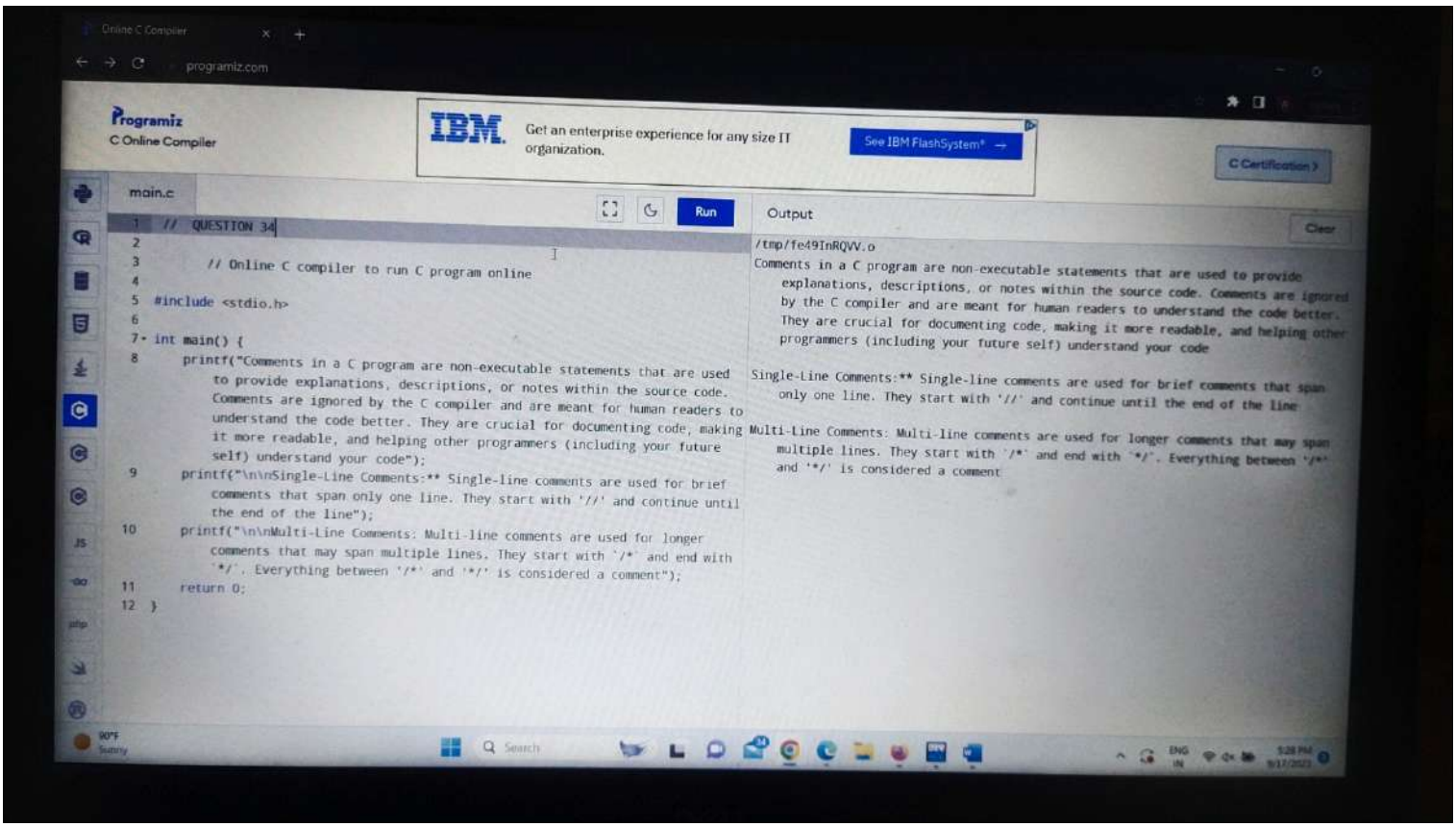
main.c
Run
Output
1 // QUESTION 33
2
3 // Online C compiler to run C program online
4
5 #include <stdio.h>
6
7 int main() {
8 printf("Hello,\n\tWorld!\n");
9 return 0;
10 }
/tmp/fe49InRQVV.o
Hello,
World!
Search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main.c
Run
Output
Clear
// QUESTION 34
// Online C compiler to run C program online
#include <stdio.h>
int main() {
printf("Comments in a C program are non-executable statements that are used to provide explanations, descriptions, or notes within the source code. Comments are ignored by the C compiler and are meant for human readers to understand the code better. They are crucial for documenting code, making it more readable, and helping other programmers (including your future self) understand your code");
printf("\n\nSingle-Line Comments:** Single-line comments are used for brief comments that span only one line. They start with '//' and continue until the end of the line");
printf("\n\nMulti-Line Comments: Multi-line comments are used for longer comments that may span multiple lines. They start with `/*` and end with `*/`. Everything between '/*' and '*/' is considered a comment");
return 0;
}
/tmp/fe49InRQVV.o
Comments in a C program are non-executable statements that are used to provide explanations, descriptions, or notes within the source code. Comments are ignored by the C compiler and are meant for human readers to understand the code better. They are crucial for documenting code, making it more readable, and helping other programmers (including your future self) understand your code
Single-Line Comments:** Single-line comments are used for brief comments that span only one line. They start with '//' and continue until the end of the line
Multi-Line Comments: Multi-line comments are used for longer comments that may span multiple lines. They start with `/*` and end with `*/`. Everything between '/*' and '*/' is considered a comment
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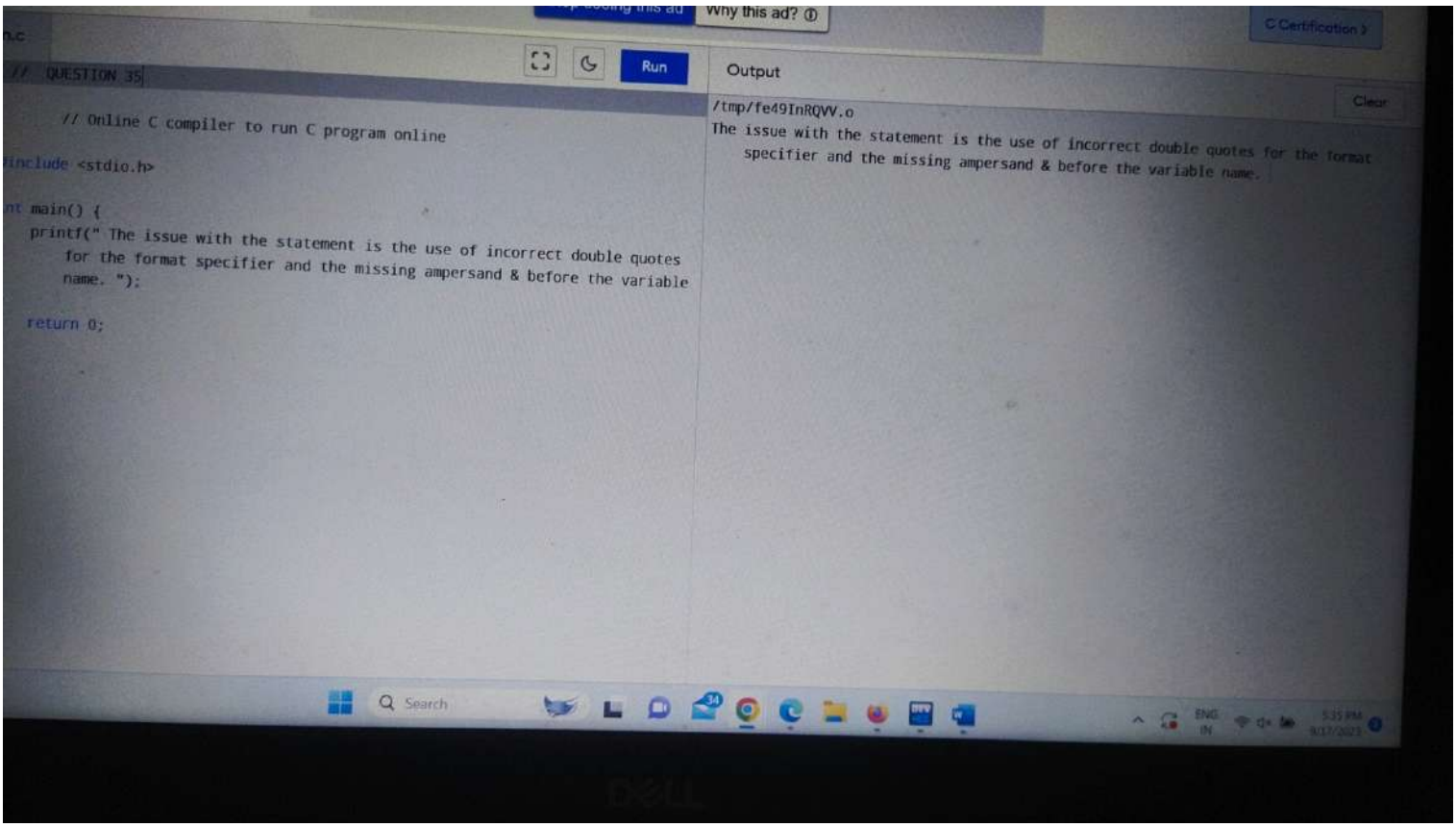
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// QUESTION 35
// Online C compiler to run C program online
#include <stdio.h>
int main() {
printf(" The issue with the statement is the use of incorrect double quotes for the format specifier and the missing ampersand & before the variable name. ");
return 0;
/tmp/fe49InRQVV.o
The issue with the statement is the use of incorrect double quotes for the format specifier and the missing ampersand & before the variable name.
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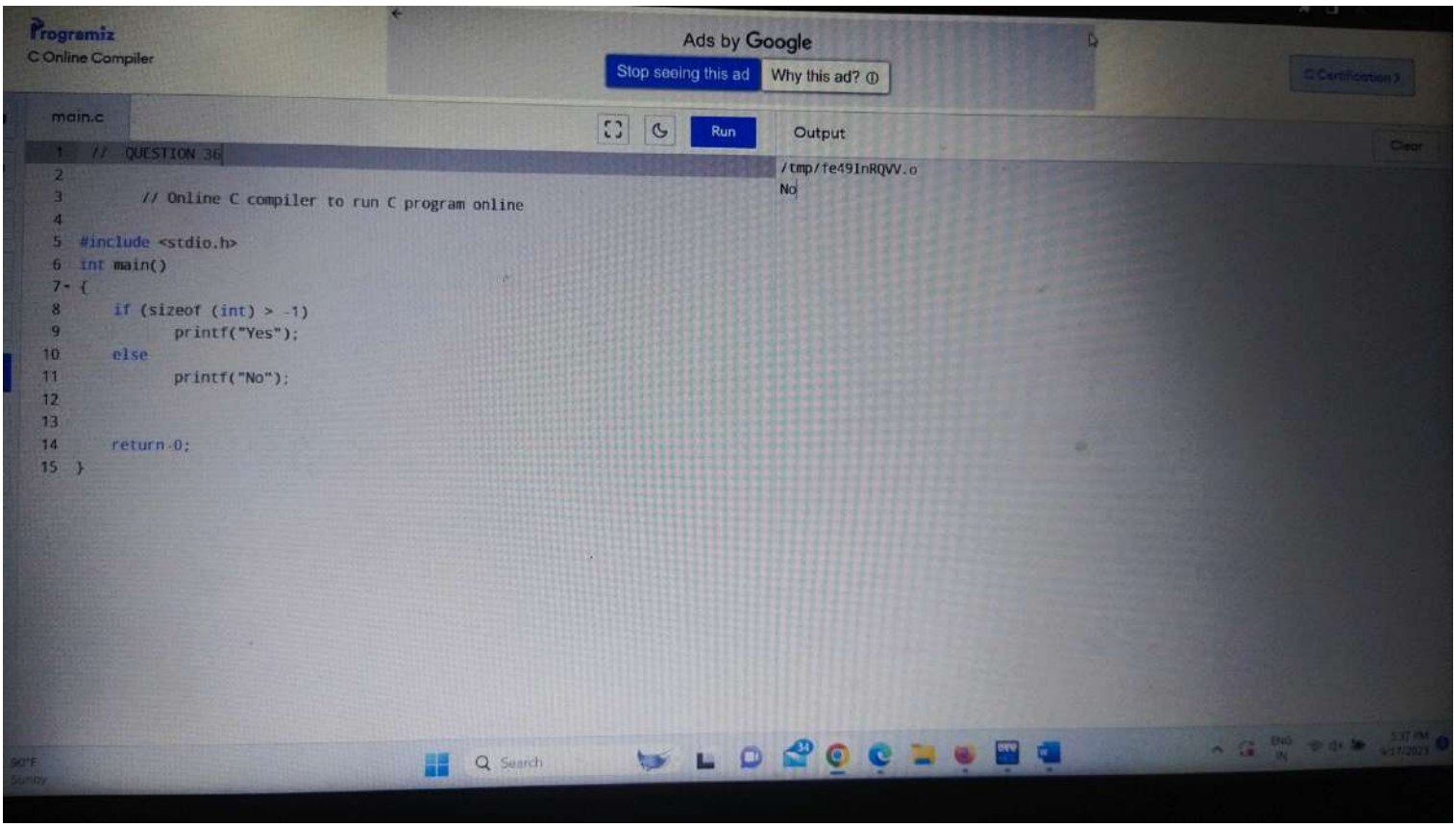
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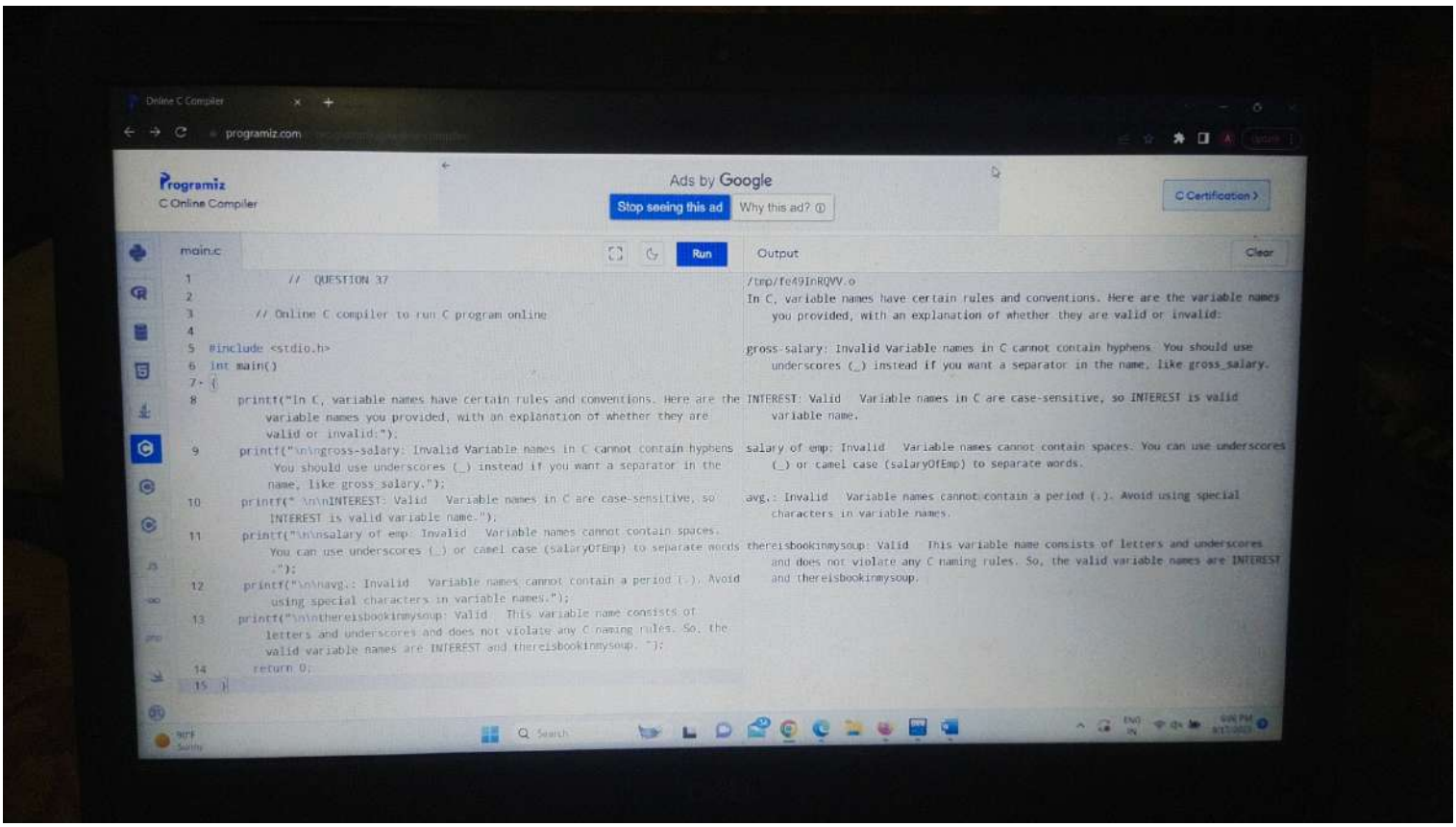
Run
Output
Clear
// QUESTION 36
// Online C compiler to run C program online
#include <stdio.h>
int main()
{
if (sizeof (int) > -1)
printf("Yes");
else
printf("No");
return 0;
}
/tmp/fe49InRQVV.o
No
Search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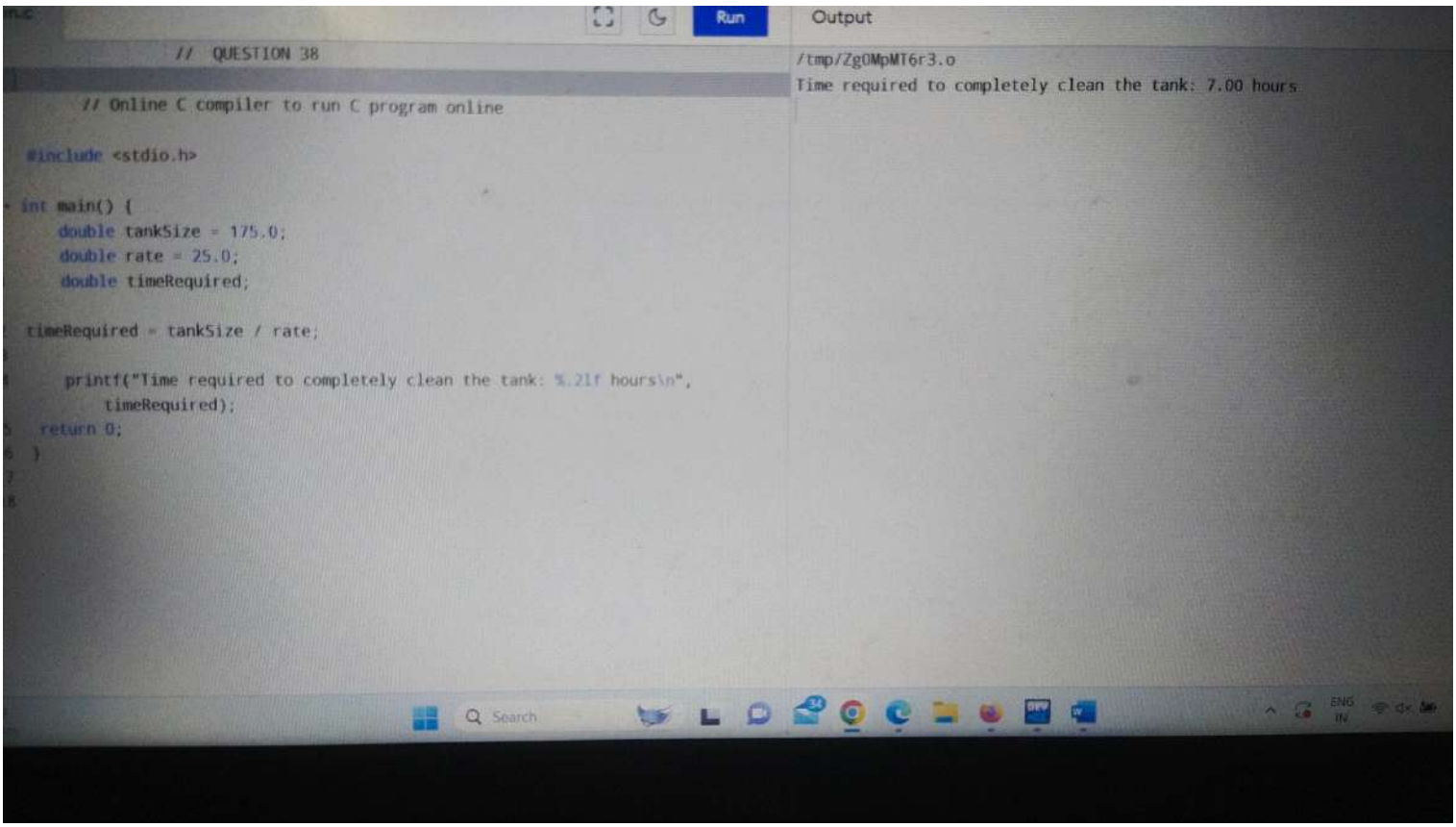
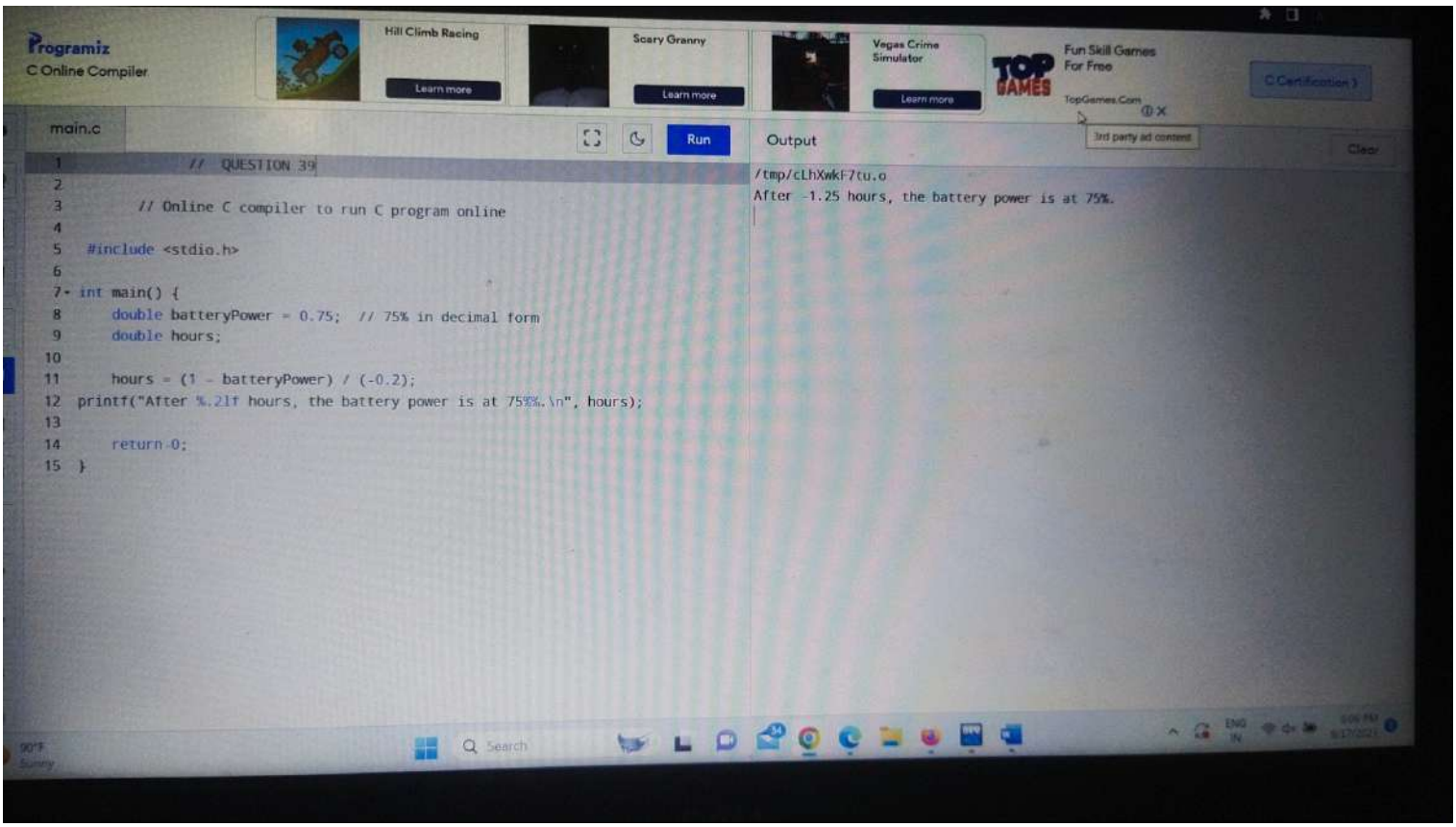
// QUESTION 37
// Online C compiler to run C program online
#include <stdio.h>
int main()
{
printf("In C, variable names have certain rules and conventions. Here are the variable names you provided, with an explanation of whether they are valid or invalid:");
printf("\n\ngross-salary: Invalid Variable names in C cannot contain hyphens. You should use underscores (_) instead if you want a separator in the name, like gross_salary.");
printf(" \n\nINTEREST: Valid Variable names in C are case-sensitive, so INTEREST is valid variable name.");
printf("\n\nsalary of emp: Invalid Variable names cannot contain spaces. You can use underscores (_) or camel case (salaryOfEmp) to separate words.");
printf("\n\navg.: Invalid Variable names cannot contain a period (.). Avoid using special characters in variable names.");
printf("\n\nthereisbookinmysoup: Valid This variable name consists of letters and underscores and does not violate any C naming rules. So, the valid variable names are INTEREST and thereisbookinmysoup. ");
return 0;
}
/tmp/fe49InRQVV.o
In C, variable names have certain rules and conventions. Here are the variable names you provided, with an explanation of whether they are valid or invalid:
gross-salary: Invalid Variable names in C cannot contain hyphens. You should use underscores (_) instead if you want a separator in the name, like gross_salary.
INTEREST: Valid Variable names in C are case-sensitive, so INTEREST is valid variable name.
salary of emp: Invalid Variable names cannot contain spaces. You can use underscores (_) or camel case (salaryOfEmp) to separate words.
avg.: Invalid Variable names cannot contain a period (.). Avoid using special characters in variable names.
thereisbookinmysoup: Valid This variable name consists of letters and underscores and does not violate any C naming rules. So, the valid variable names are INTEREST and thereisbookinmysoup.


Run
Output
// QUESTION 38
// Online C compiler to run C program online
#include <stdio.h>
int main() {
double tankSize = 175.0;
double rate = 25.0;
double timeRequired;
timeRequired = tankSize / rate;
printf("Time required to completely clean the tank: %.2lf hours\n",
timeRequired);
return 0;
}
/tmp/ZgOMpMT6r3.o
Time required to completely clean the tank: 7.00 hours
Search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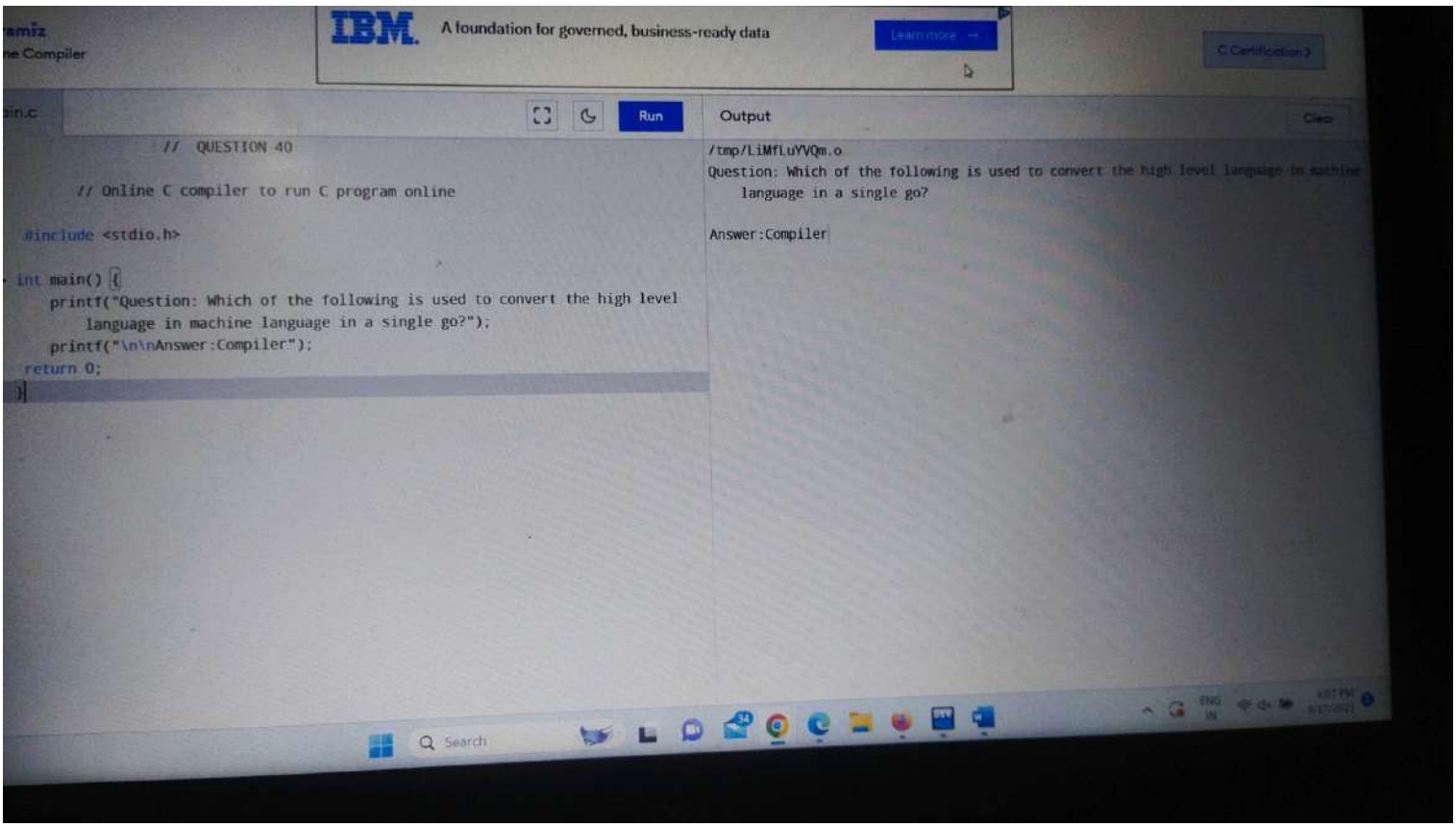
// QUESTION 39
// Online C compiler to run C program online
#include <stdio.h>
int main() {
double batteryPower = 0.75; // 75% in decimal form
double hours;
hours = (1 - batteryPower) / (-0.2);
printf("After %.2lf hours, the battery power is at 75%%.\n", hours);
return 0;
}
/tmp/cLhXwkF7tu.o
After -1.25 hours, the battery power is at 75%.
Search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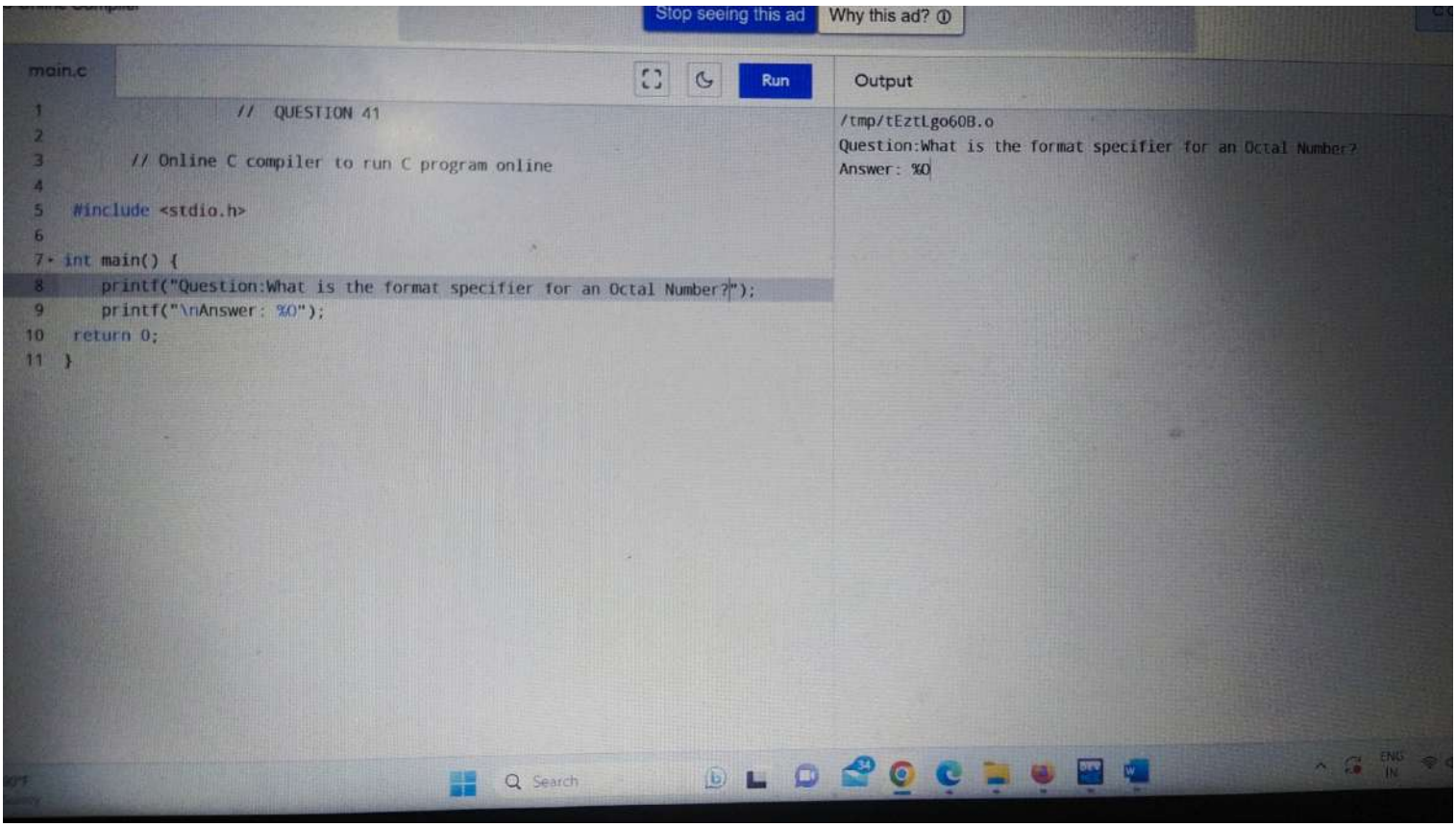
// QUESTION 40
// Online C compiler to run C program online
#include <stdio.h>
int main() {
printf("Question: Which of the following is used to convert the high level language in machine language in a single go?");
printf("\n\nAnswer:Compiler");
return 0;
}
/tmp/LiMfLuYVQm.o
Question: Which of the following is used to convert the high level language in machine language in a single go?
Answer:Compiler
Search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main.c
Run
Output
1 // QUESTION 41
2
3 // Online C compiler to run C program online
4
5 #include <stdio.h>
6
7 int main() {
8 printf("Question:What is the format specifier for an Octal Number?");
9 printf("\nAnswer: %O");
10 return 0;
11 }
/tmp/tEztLgo60B.o
Question:What is the format specifier for an Octal Number?
Answer: %O
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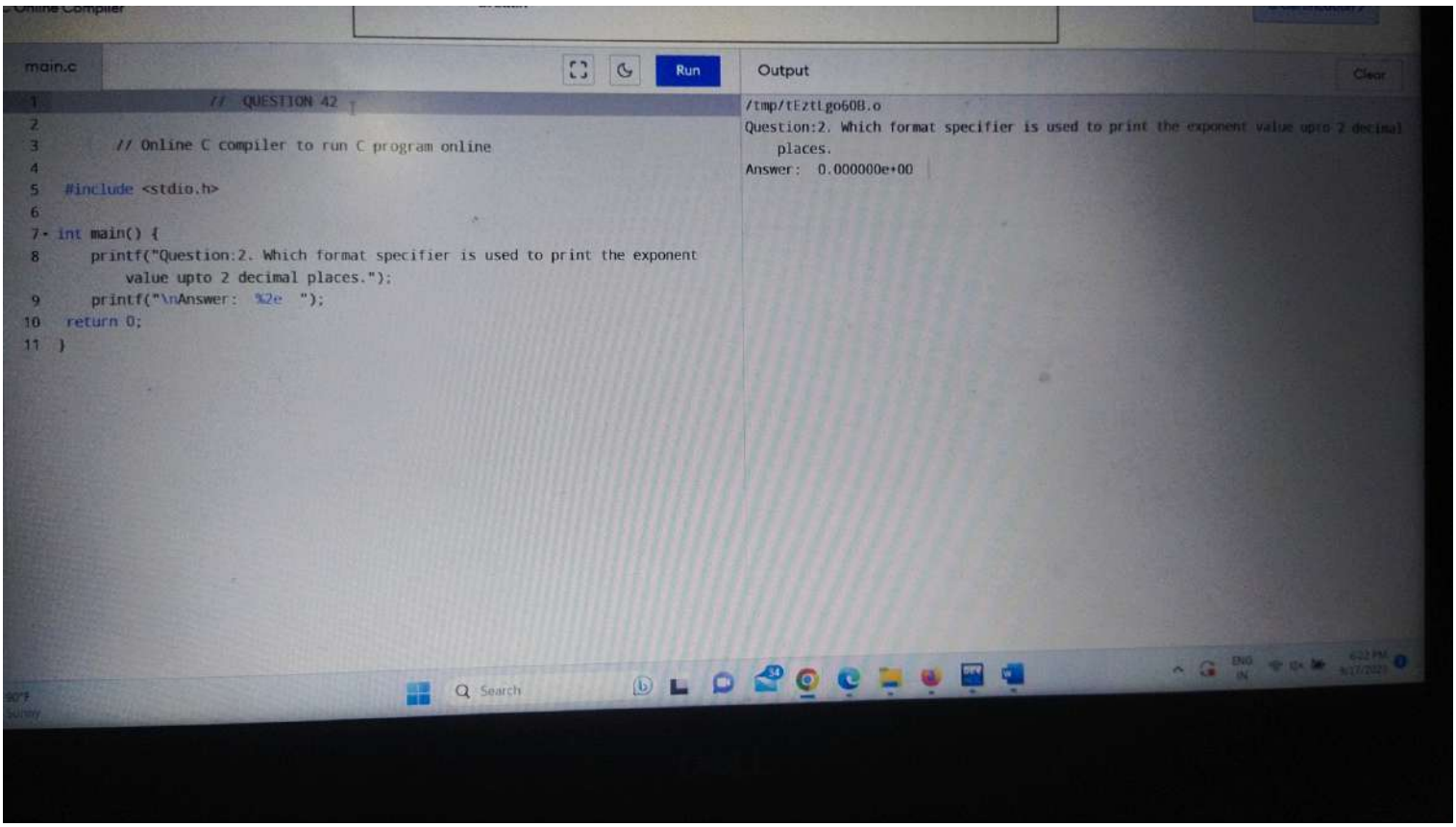
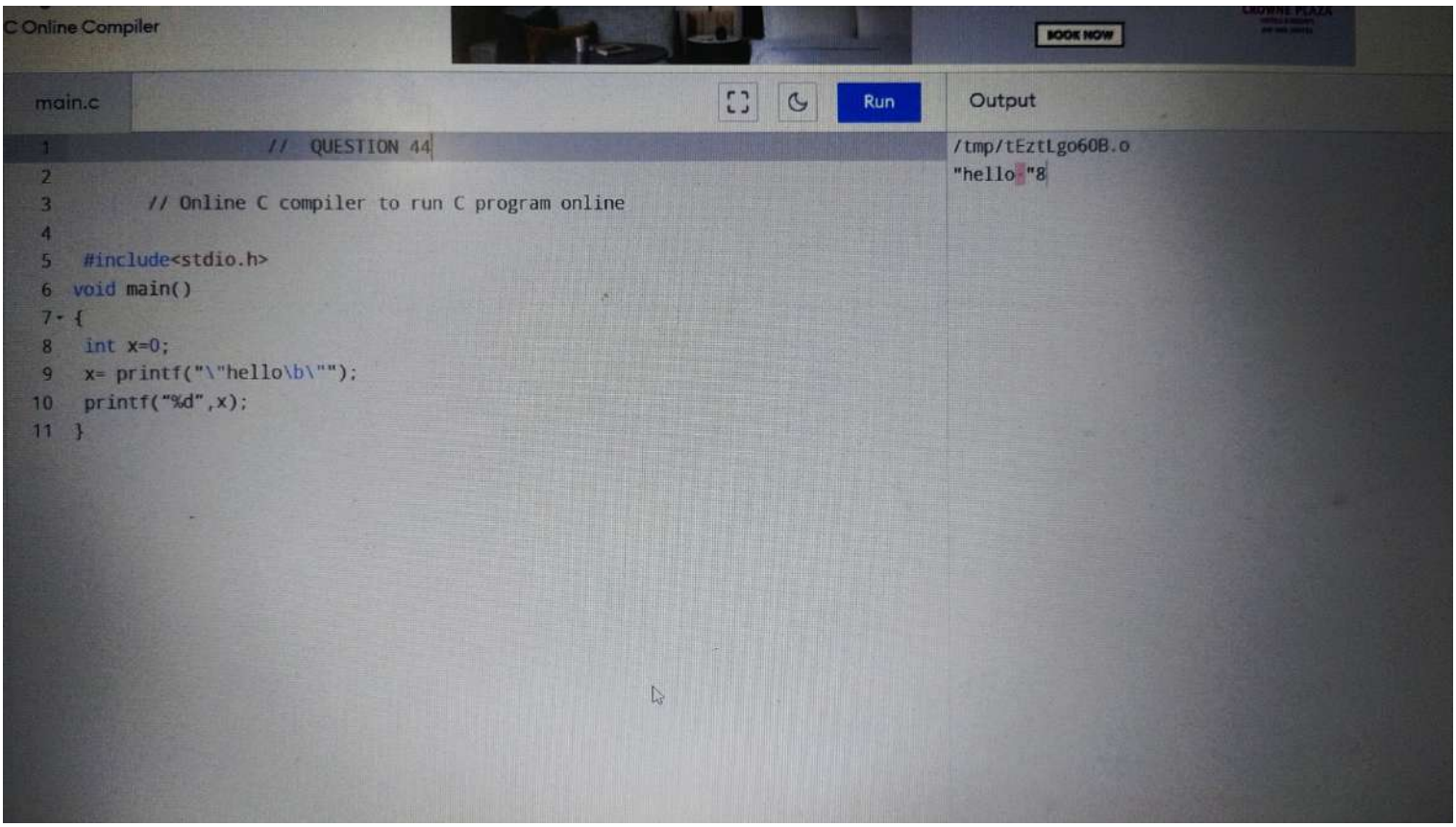

main.c
Run
Output
Clear
// QUESTION 42
// Online C compiler to run C program online
#include <stdio.h>
int main() {
printf("Question:2. Which format specifier is used to print the exponent value upto 2 decimal places.");
printf("\nAnswer: %2e ");
return 0;
}
/tmp/tEztLgo60B.o
Question:2. Which format specifier is used to print the exponent value upto 2 decimal places.
Answer: 0.000000e+00
Search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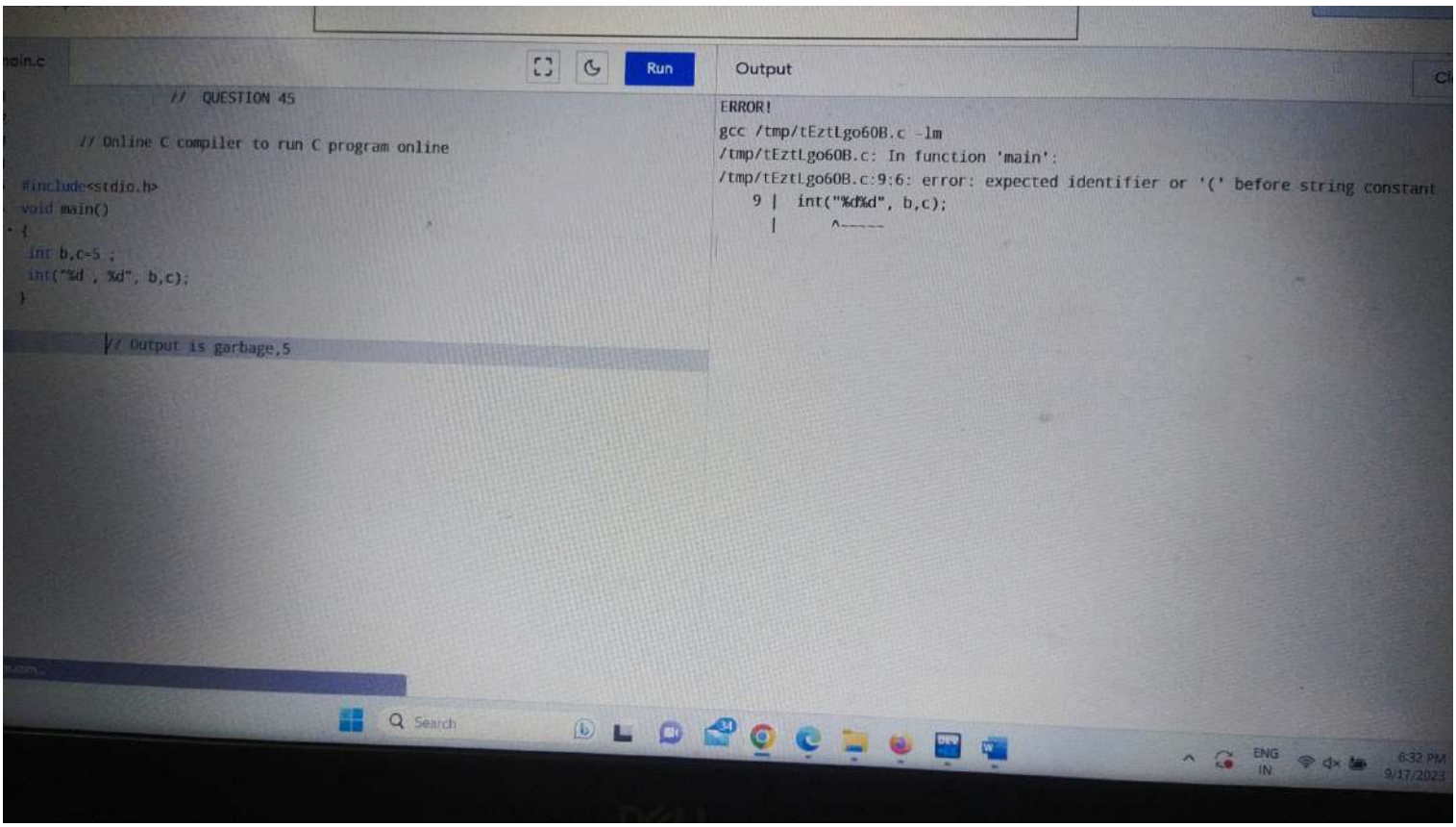
// QUESTION 44
// Online C compiler to run C program online
#include<stdio.h>
void main()
{
int x=0;
x= printf("\"hello\b\"");
printf("%d",x);
}
/tmp/tEztLgo60B.o
"hello"8


Run
Output
// QUESTION 45
// Online C compiler to run C program online
#include<stdio.h>
void main()
{
int b,c=5 ;
int("%d , %d", b,c);
}
// Output is garbage,5
ERROR!
gcc /tmp/tEztLgo60B.c -lm
/tmp/tEztLgo60B.c: In function 'main':
/tmp/tEztLgo60B.c:9:6: error: expected identifier or '(' before string constant
9 | int("%d%d", b,c);
| ^~~~~~
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IN
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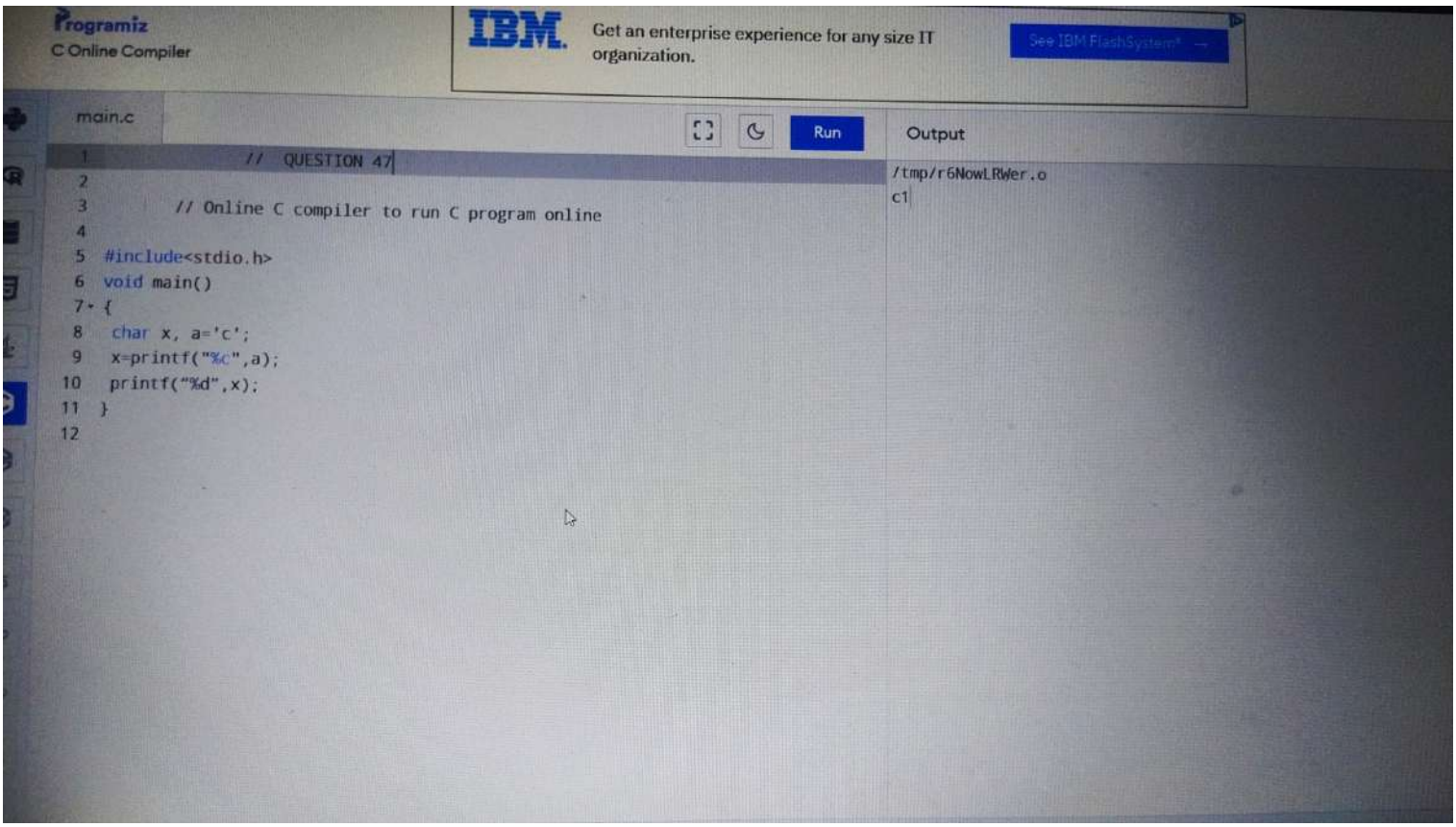
main.c

Run

Output

```
1             //  QUESTION 46
2
3         // Online C compiler to run C program online
4
5  #include<stdio.h>
6  int main()
7  {
8      printf("Question:Which of the following is an identifier?");
9      printf("\nAnswer:Basic_pay");
10     return 0;
11 }
```

```
/tmp/r6NowLRWer.o
Question:Which of the following is an identifier?
Answer:Basic_pay
```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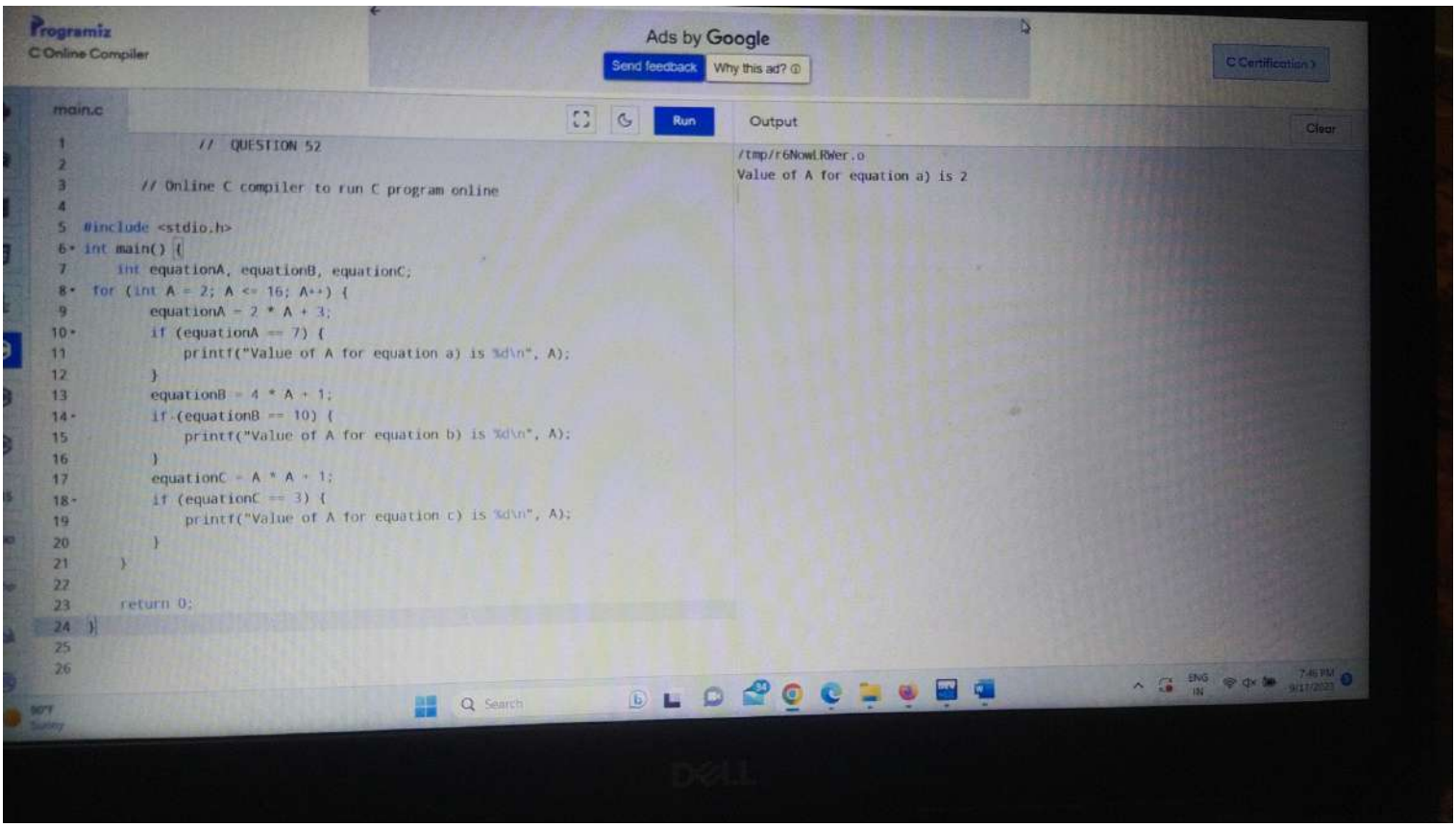
main.c
Run
Output
// QUESTION 47
// Online C compiler to run C program online
#include<stdio.h>
void main()
{
char x, a='c';
x=printf("%c",a);
printf("%d",x);
}
/tmp/r6NowLRWer.o
c1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main.c
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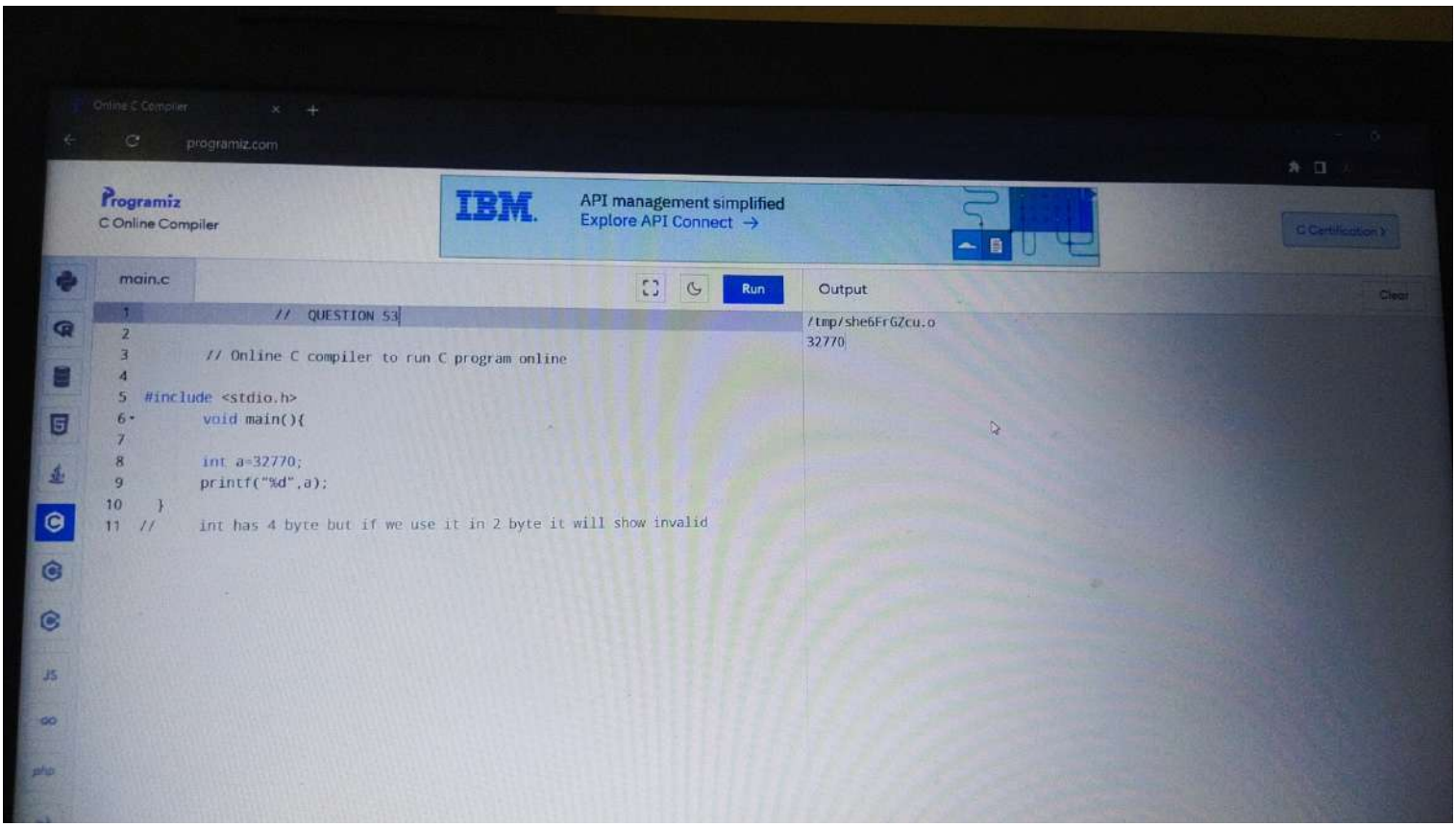
Output
Clear
// QUESTION 52
// Online C compiler to run C program online
#include <stdio.h>
int main() {
int equationA, equationB, equationC;
for (int A = 2; A <= 16; A++) {
equationA = 2 * A + 3;
if (equationA == 7) {
printf("Value of A for equation a) is %d\n", A);
}
equationB = 4 * A + 1;
if (equationB == 10) {
printf("Value of A for equation b) is %d\n", A);
}
equationC = A * A + 1;
if (equationC == 3) {
printf("Value of A for equation c) is %d\n", A);
}
}
return 0;
}
/tmp/r6NowLRWer.o
Value of A for equation a) is 2
Search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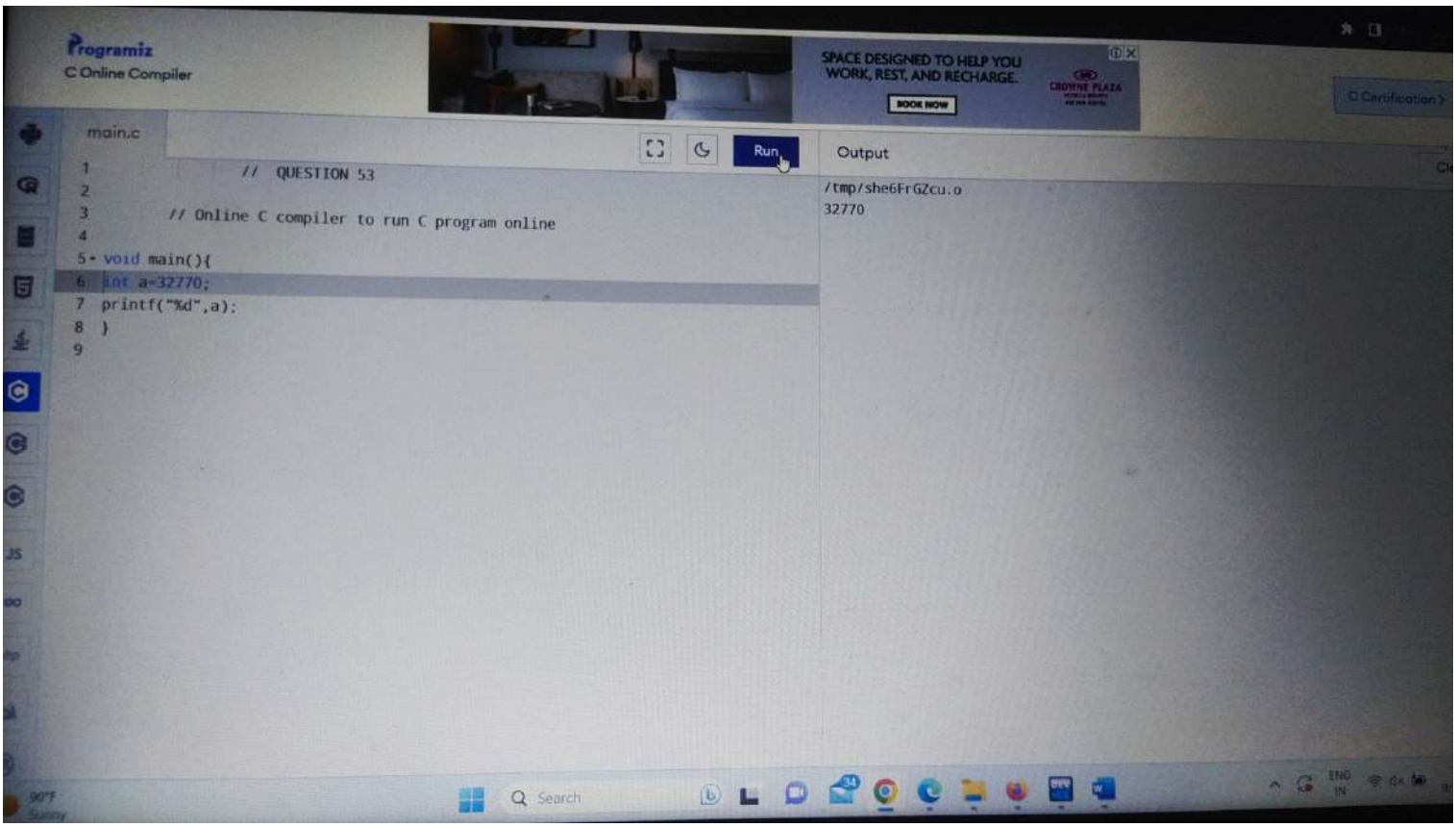
Run
Output
Clear
// QUESTION 53
// Online C compiler to run C program online
#include <stdio.h>
void main(){
int a=32770;
printf("%d",a);
}
// int has 4 byte but if we use it in 2 byte it will show invalid
/tmp/she6FrGZcu.o
32770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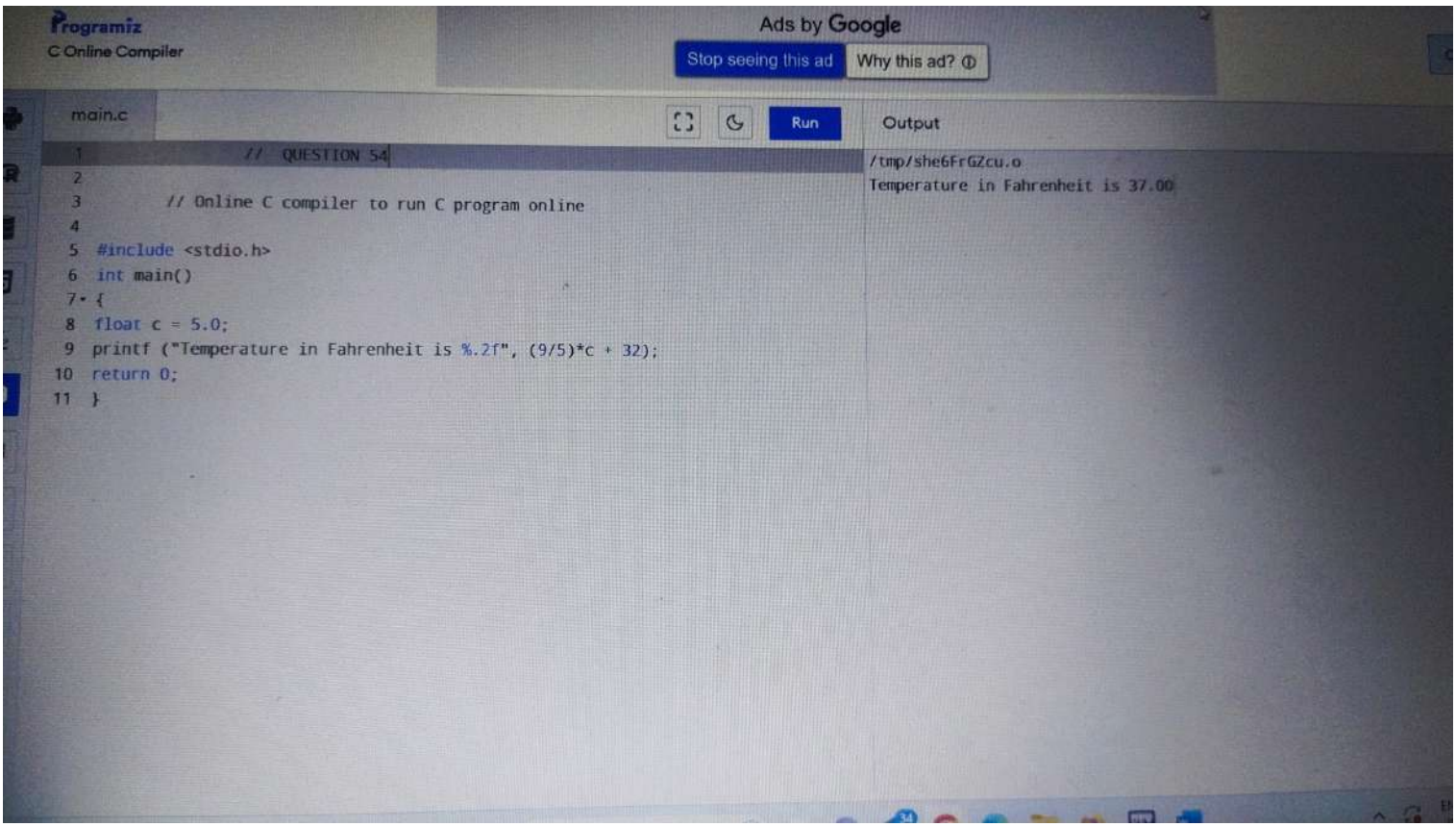
// QUESTION 53
// Online C compiler to run C program online
void main(){
int a=32770;
printf("%d",a);
}
/tmp/she6FrGZcu.o
32770
Search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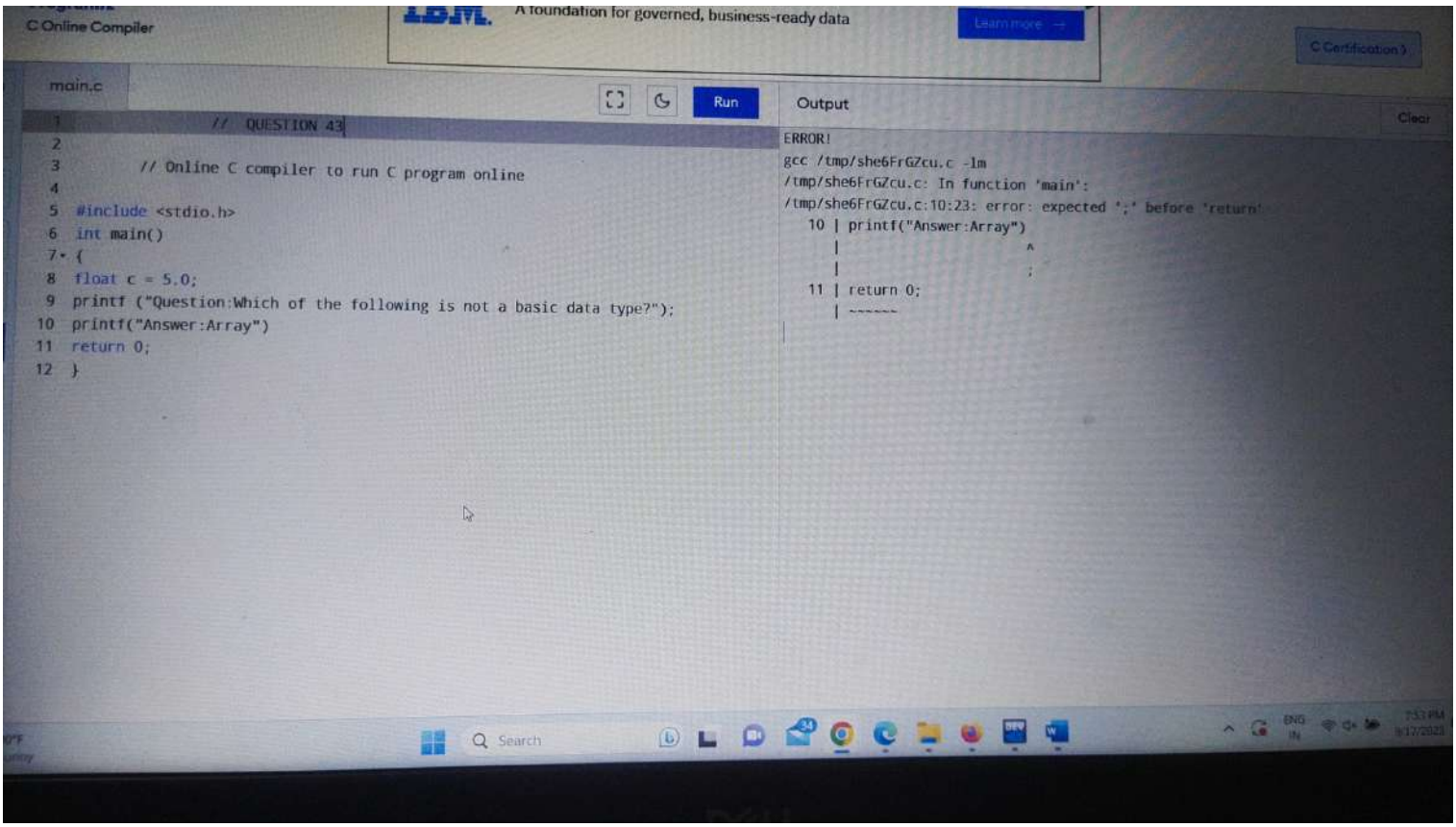
main.c
Run
Output
// QUESTION 54
// Online C compiler to run C program online
#include <stdio.h>
int main()
{
float c = 5.0;
printf ("Temperature in Fahrenheit is %.2f", (9/5)*c + 32);
return 0;
}
/tmp/she6FrGZcu.o
Temperature in Fahrenheit is 37.00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main.c
Run
Output
Clear
// QUESTION 43
// Online C compiler to run C program online
#include <stdio.h>
int main()
{
float c = 5.0;
printf ("Question:Which of the following is not a basic data type?");
printf("Answer:Array")
return 0;
}
ERROR!
gcc /tmp/she6FrGZcu.c -lm
/tmp/she6FrGZcu.c: In function 'main':
/tmp/she6FrGZcu.c:10:23: error: expected ';' before 'return'
10 | printf("Answer:Array")
| ^
| ;
11 | return 0;
| ~~~~~~
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