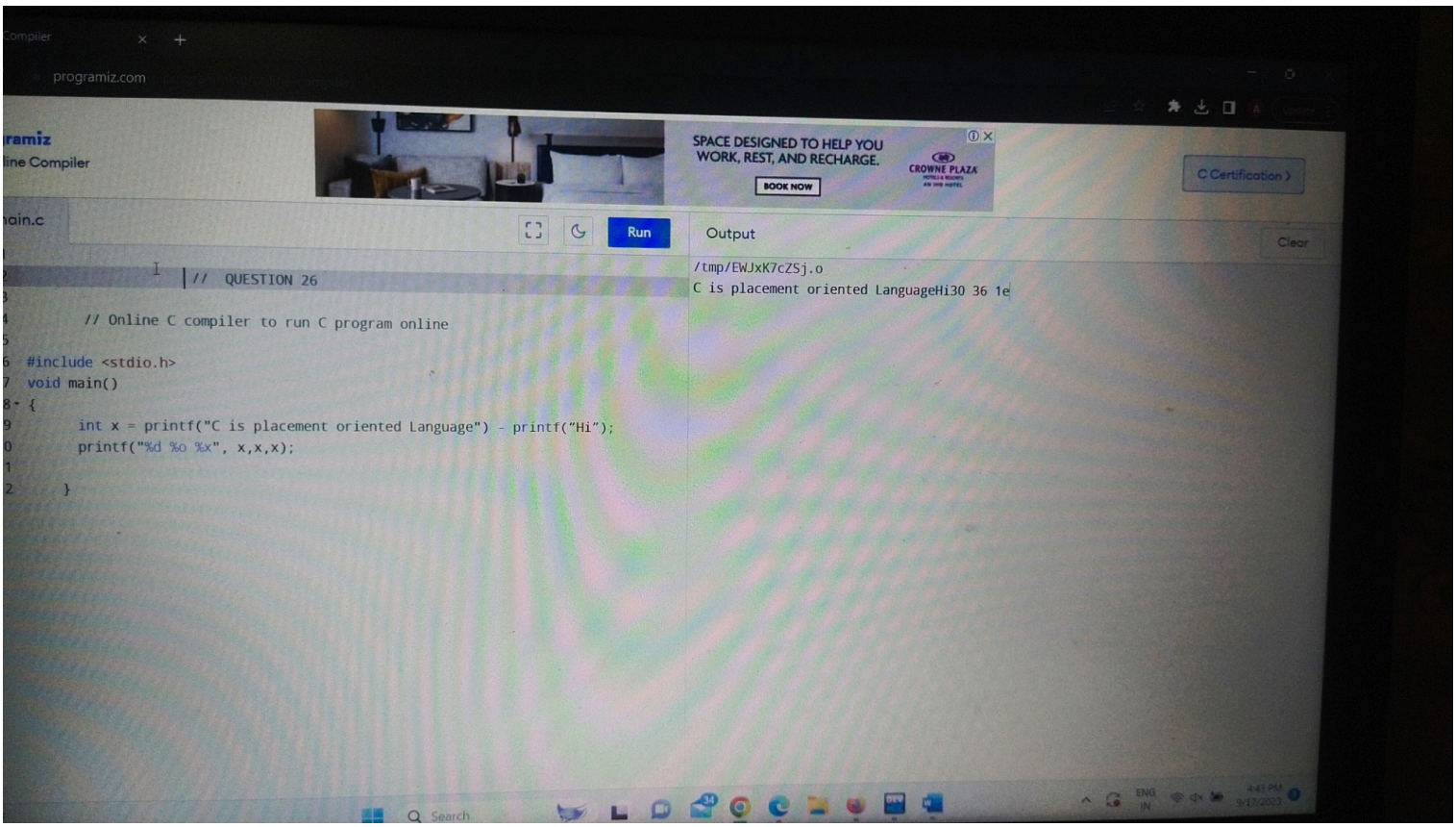
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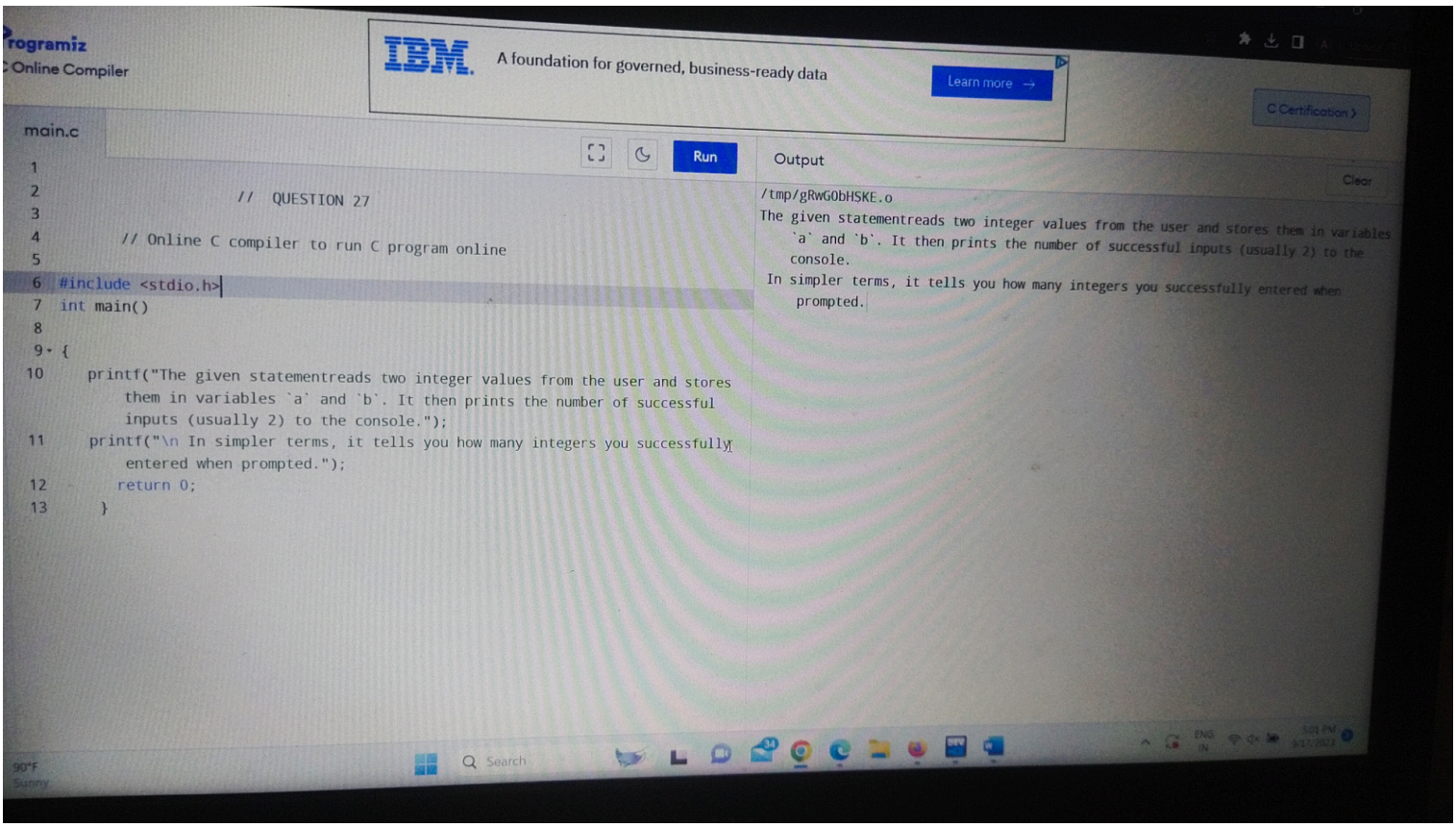
// QUESTION 26
// Online C compiler to run C program online
#include <stdio.h>
void main()
{
int x = printf("C is placement oriented Language") - printf("Hi");
printf("%d %o %x", x,x,x);
}
/tmp/EWJxK7cZSj.o
C is placement oriented LanguageHi30 36 1e
Search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Output
Clear
// 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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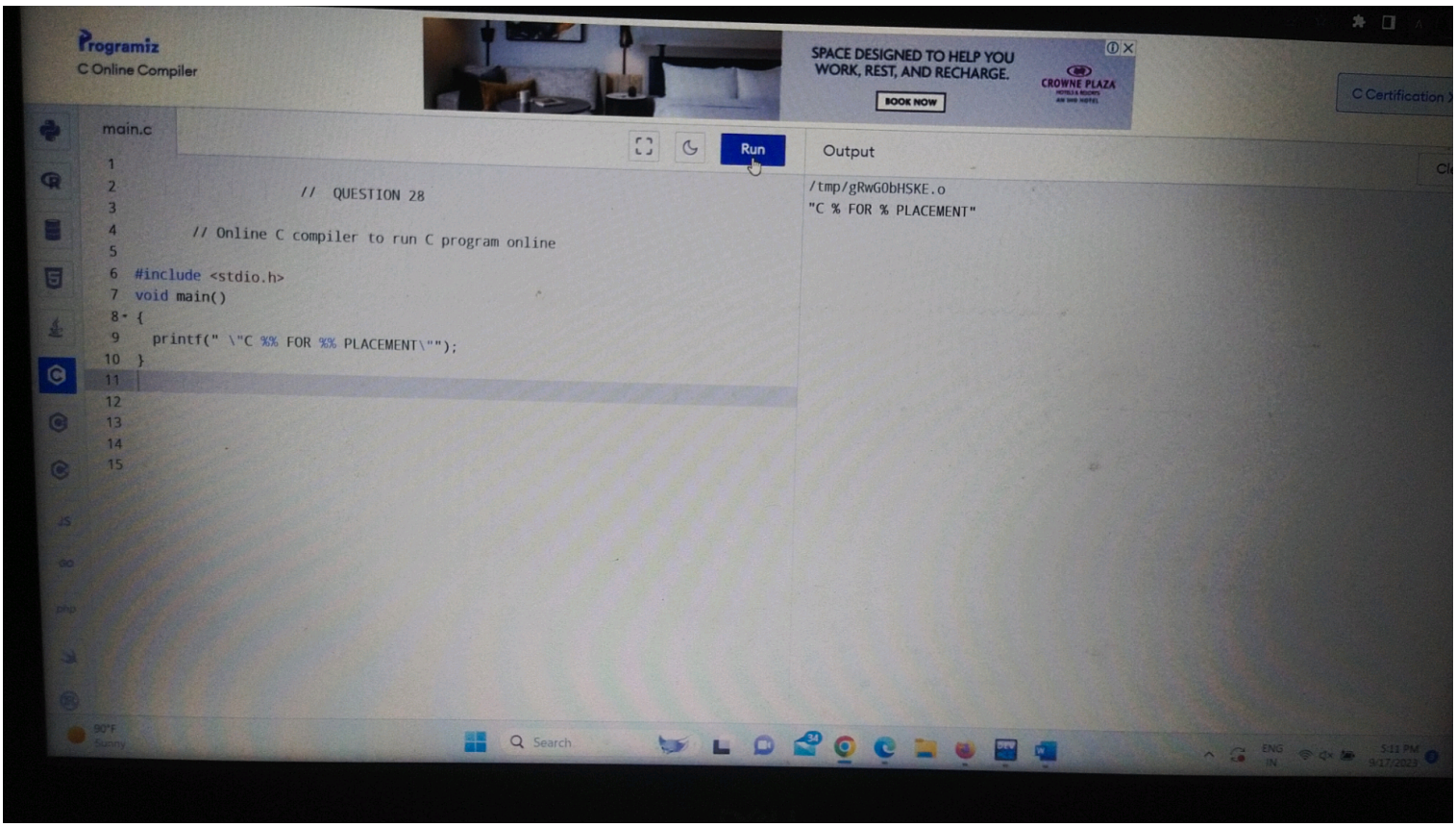
Output

```c
//  QUESTION 29

// Online C compiler to run C program online

#include <stdio.h>

int main() {
    double distance, time, speed;

    printf("Enter the distance between GLA University and Delhi  ");
    scanf("%lf", &distance);

    printf("Enter the time taken to reach Delhi by bus  ");
    scanf("%lf", &time);

    speed = distance / time;
    printf("The speed of the bus is %.2lf km/h\n", speed);

    return 0;
}
```

```
/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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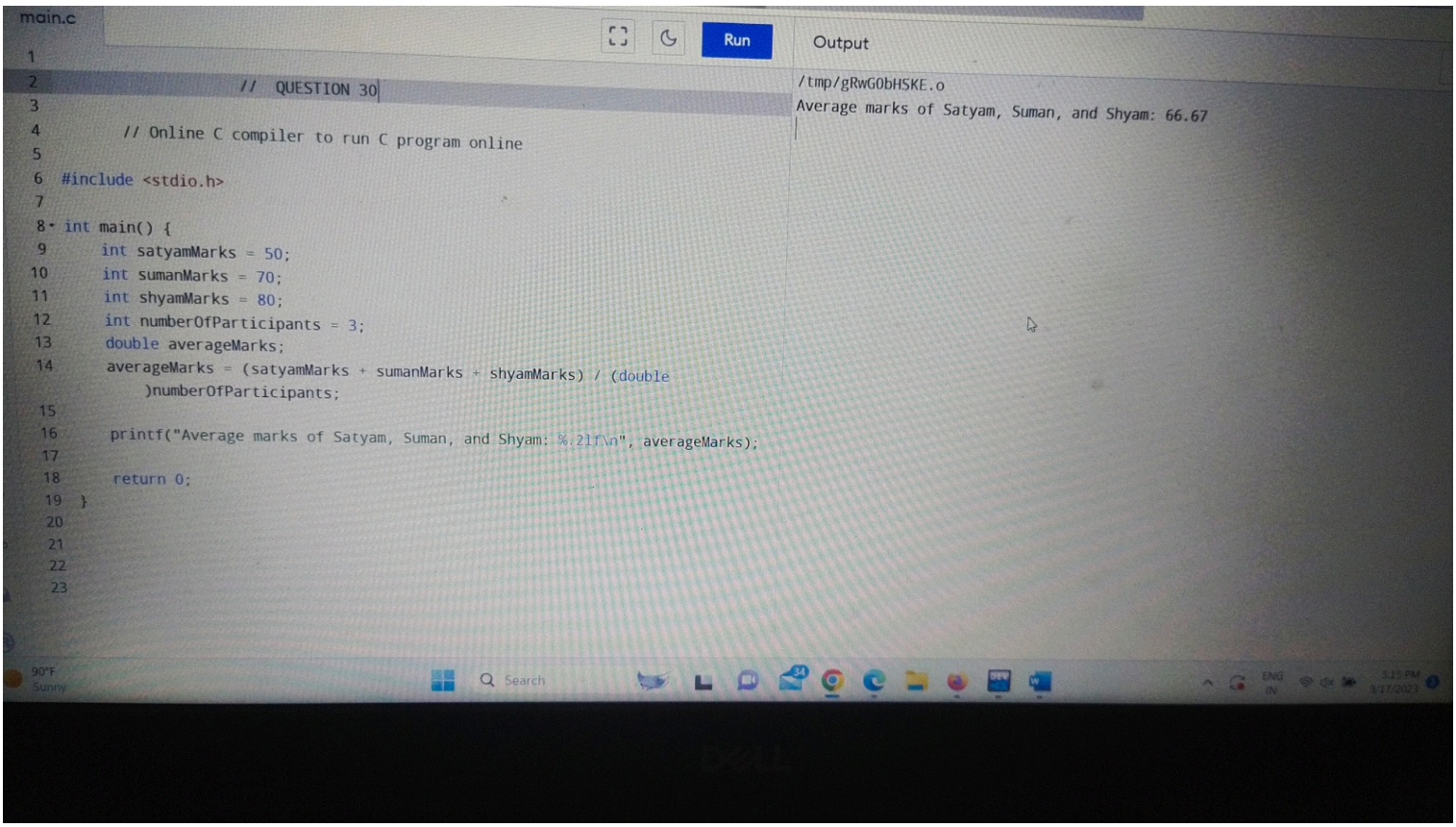
Output
// QUESTION 28
// Online C compiler to run C program online
#include <stdio.h>
void main()
{
printf(" \"C %% FOR %% PLACEMENT\"");
}
/tmp/gRwG0bHSKE.o
"C % FOR % PLACEMENT"
Search


main.c
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: %.2lf\n", averageMarks);
return 0;
}
/tmp/gRwGObHSKE.o
Average marks of Satyam, Suman, and Shyam: 66.67
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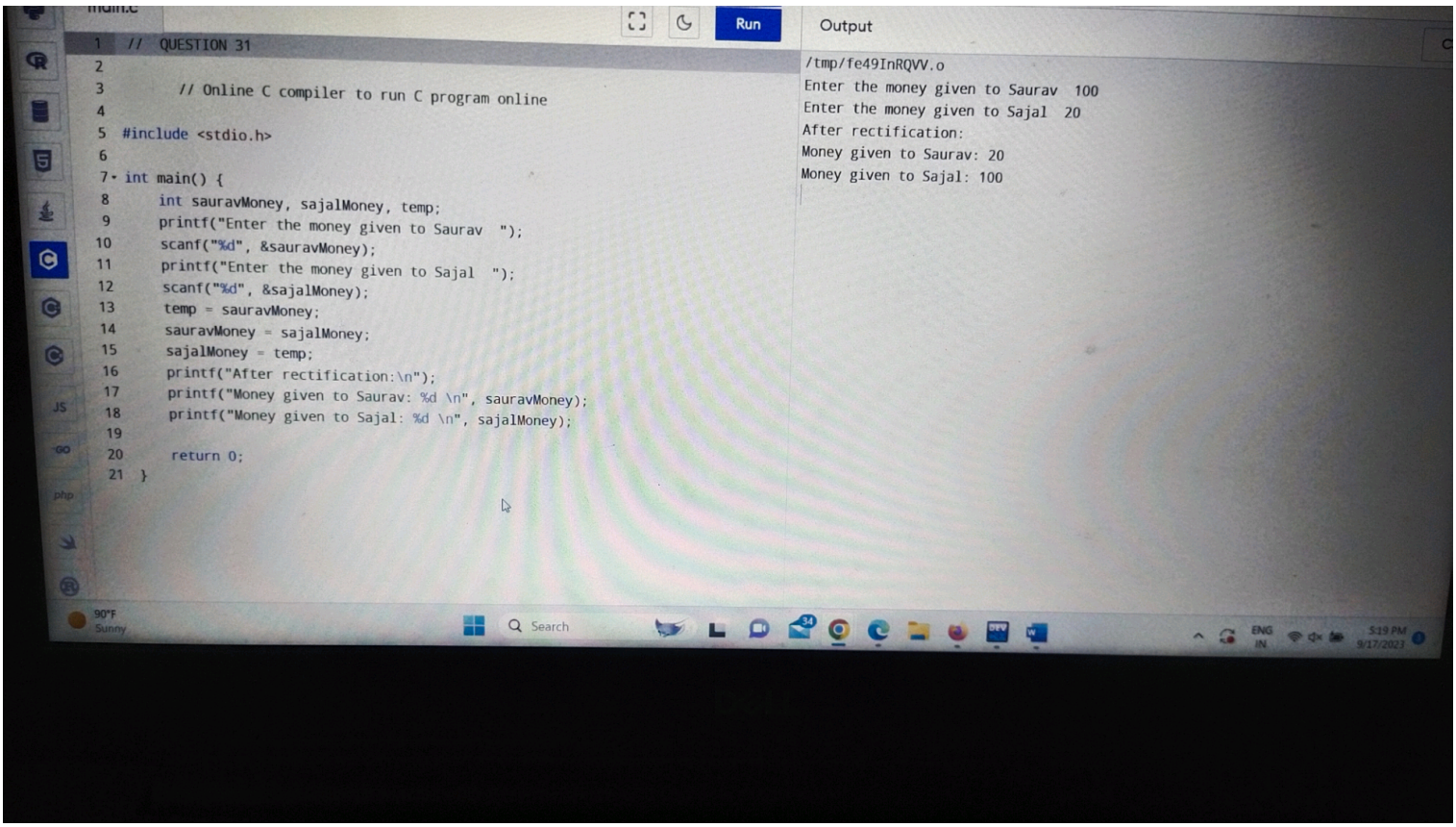
main.c
Run
Output
// QUESTION 31
// Online C compiler to run C program online
#include <stdio.h>
int main() {
int sauravMoney, sajalMoney, temp;
printf("Enter the money given to Saurav ");
scanf("%d", &sauravMoney);
printf("Enter the money given to Sajal ");
scanf("%d", &sajalMoney);
temp = sauravMoney;
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
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Sunny
Search
ENG
IN
5:19 PM
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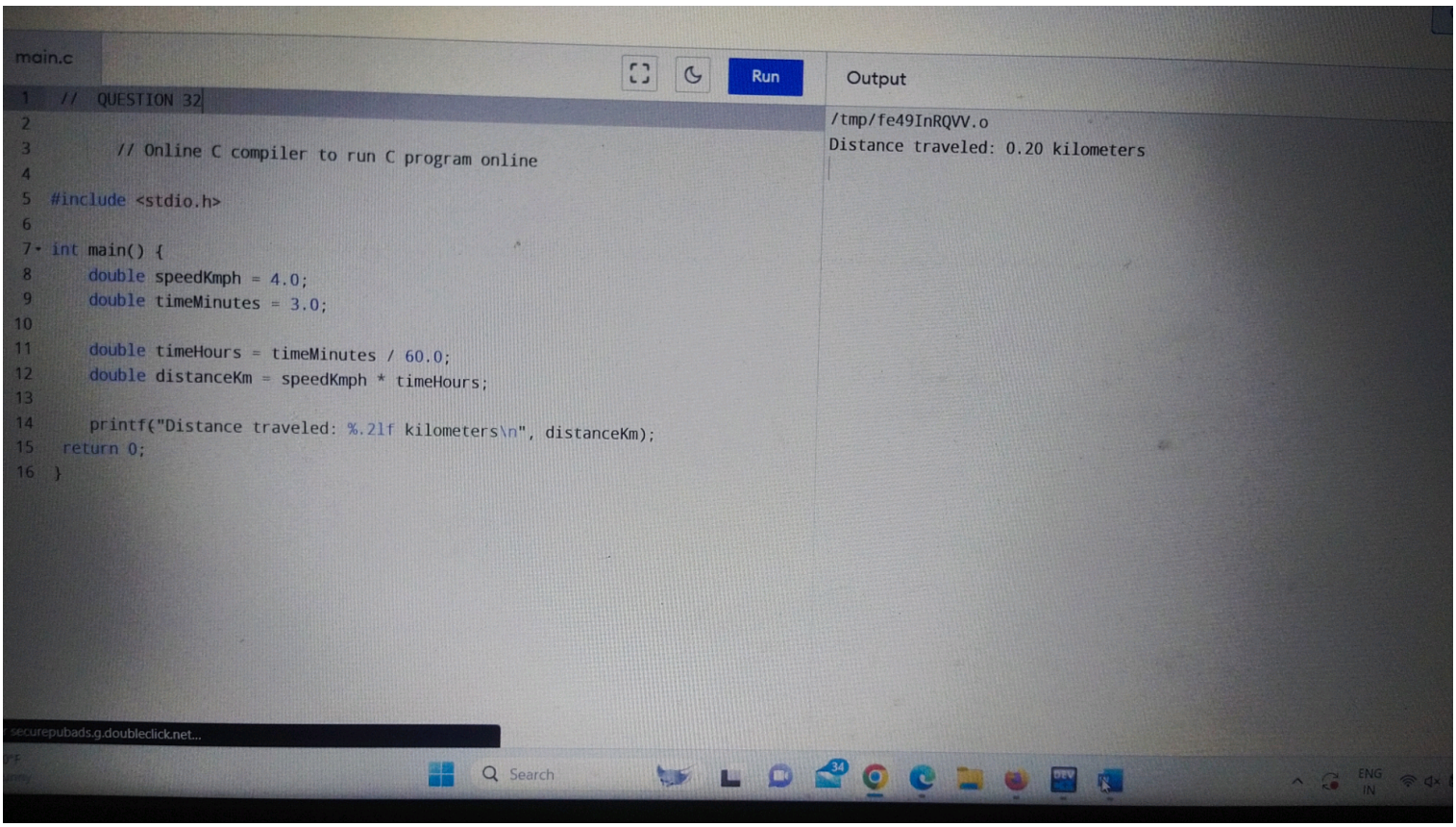
main.c
Run
Output
// QUESTION 32
// Online C compiler to run C program online
#include <stdio.h>
int main() {
double speedKmph = 4.0;
double timeMinutes = 3.0;
double timeHours = timeMinutes / 60.0;
double distanceKm = speedKmph * timeHours;
printf("Distance traveled: %.2lf kilometers\n", distanceKm);
return 0;
}
/tmp/fe49InRQVV.o
Distance traveled: 0.20 kilometers
securepubads.g.doubleclick.net...
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ENG
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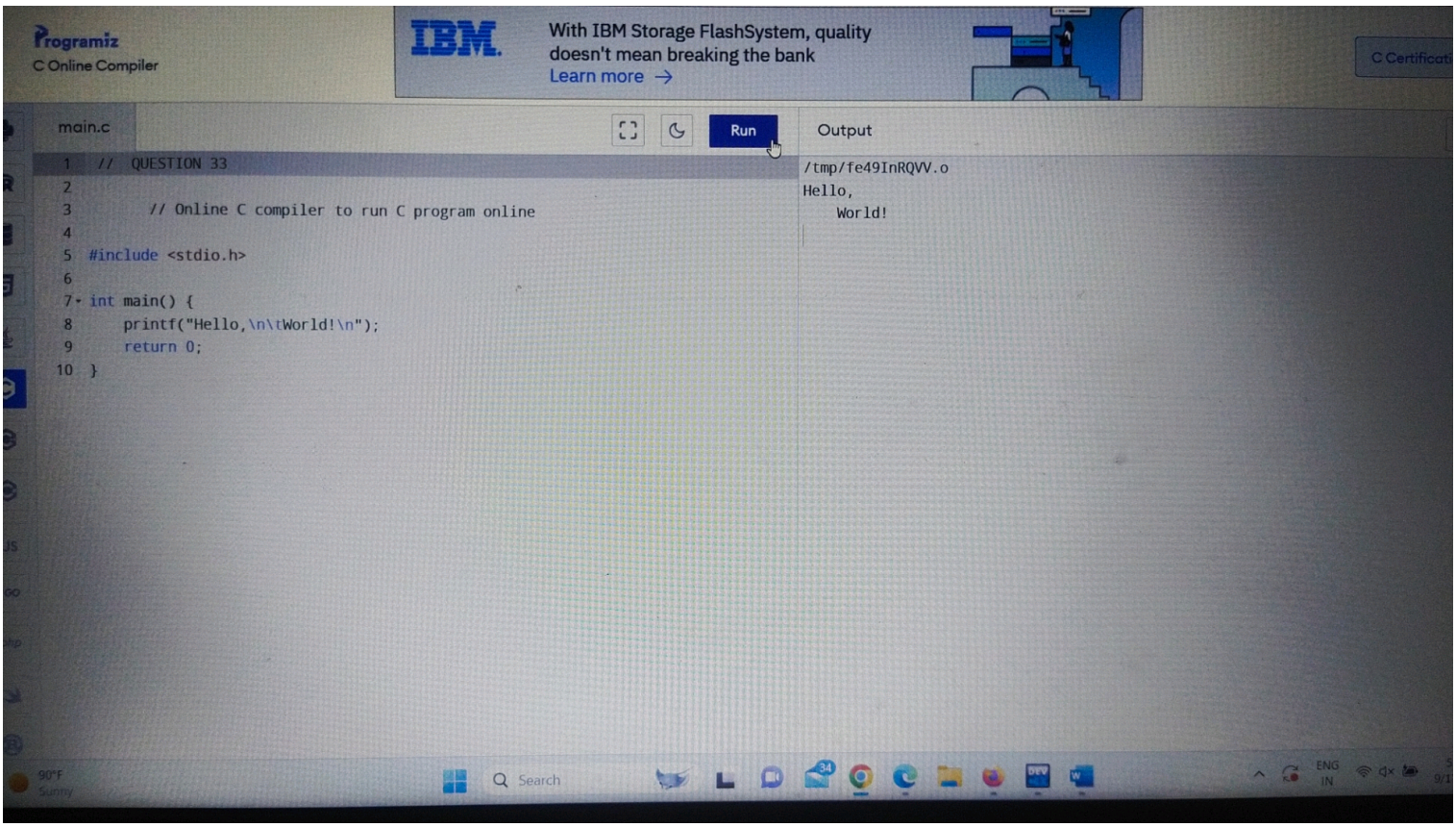
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main.c
Run
Output
1 // QUESTION 33
2
3 // Online C compiler to run C program online
4
5 #include <stdio.h>
6
7 int main() {
8 printf("Hello,\n\tWorld!\n");
9 return 0;
10 }
/tmp/fe49InRQVV.o
Hello,
World!
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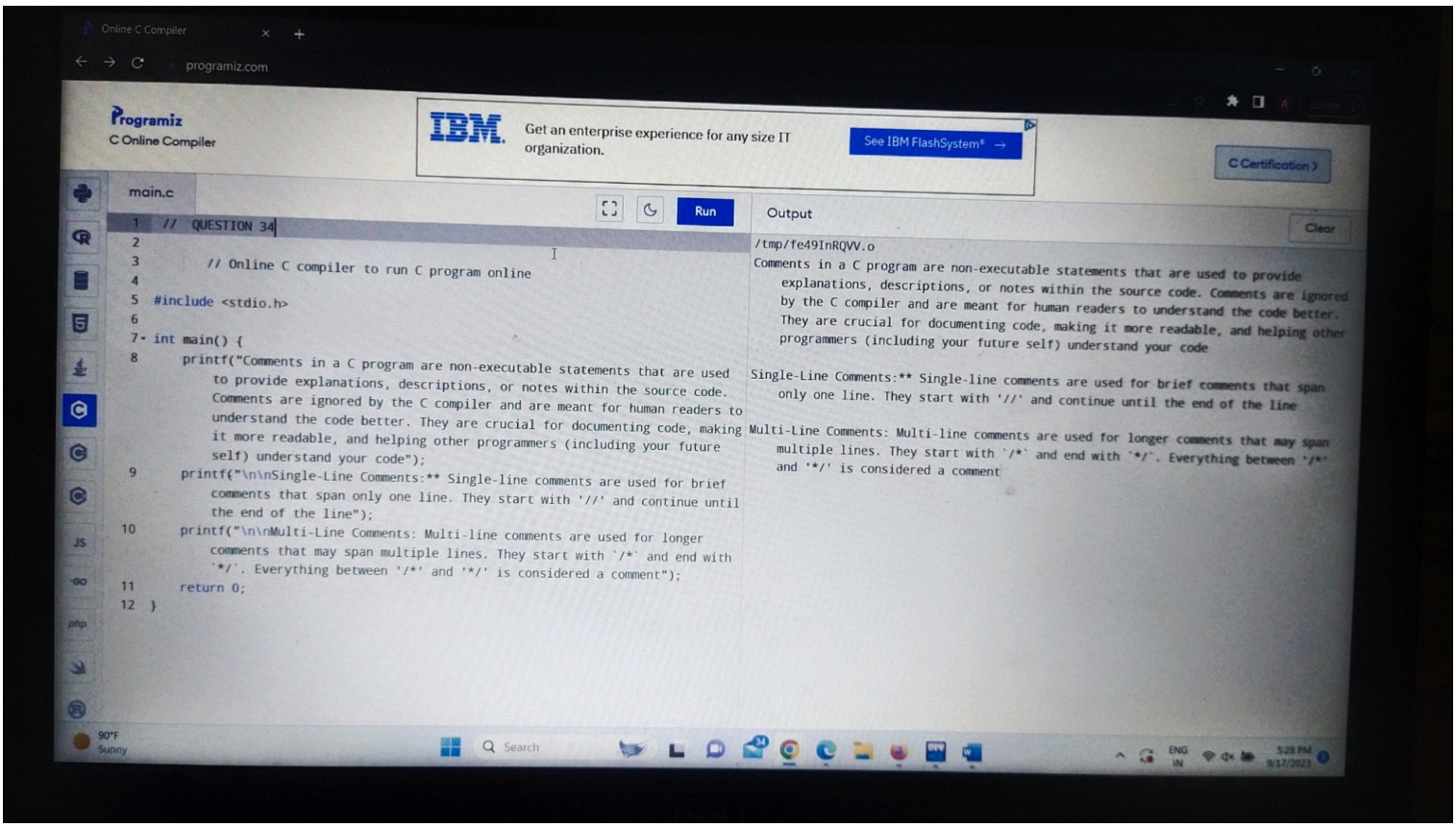
Sunny
Search
ENG
IN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main.c
Run
Output
Clear
// QUESTION 34
// Online C compiler to run C program online
#include <stdio.h>
int main() {
printf("Comments in a C program are non-executable statements that are used to provide explanations, descriptions, 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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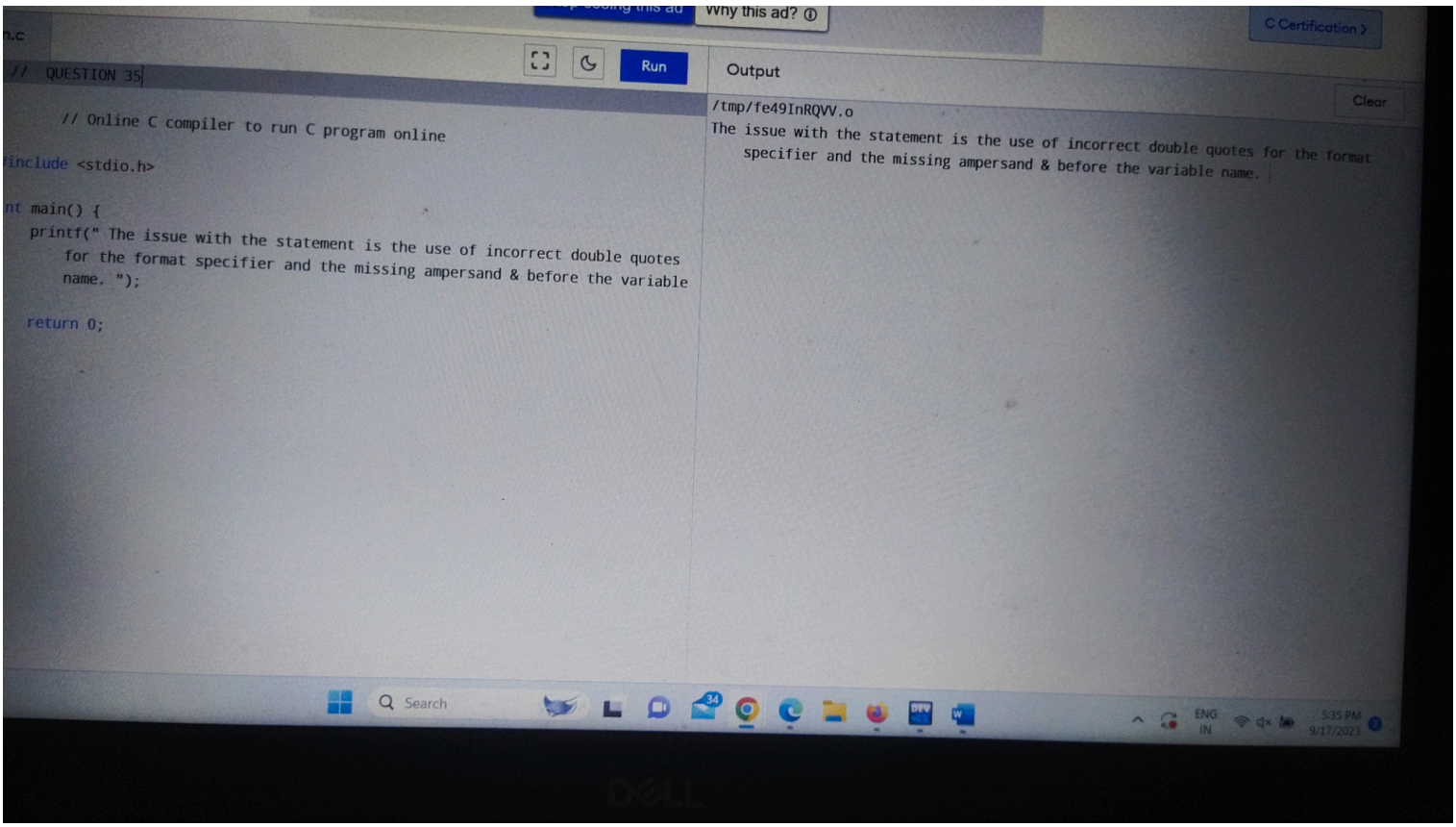
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// QUESTION 35
// Online C compiler to run C program online
#include <stdio.h>
int main() {
printf(" The issue with the statement is the use of incorrect double quotes for the format specifier and the missing ampersand & before the variable name. ");
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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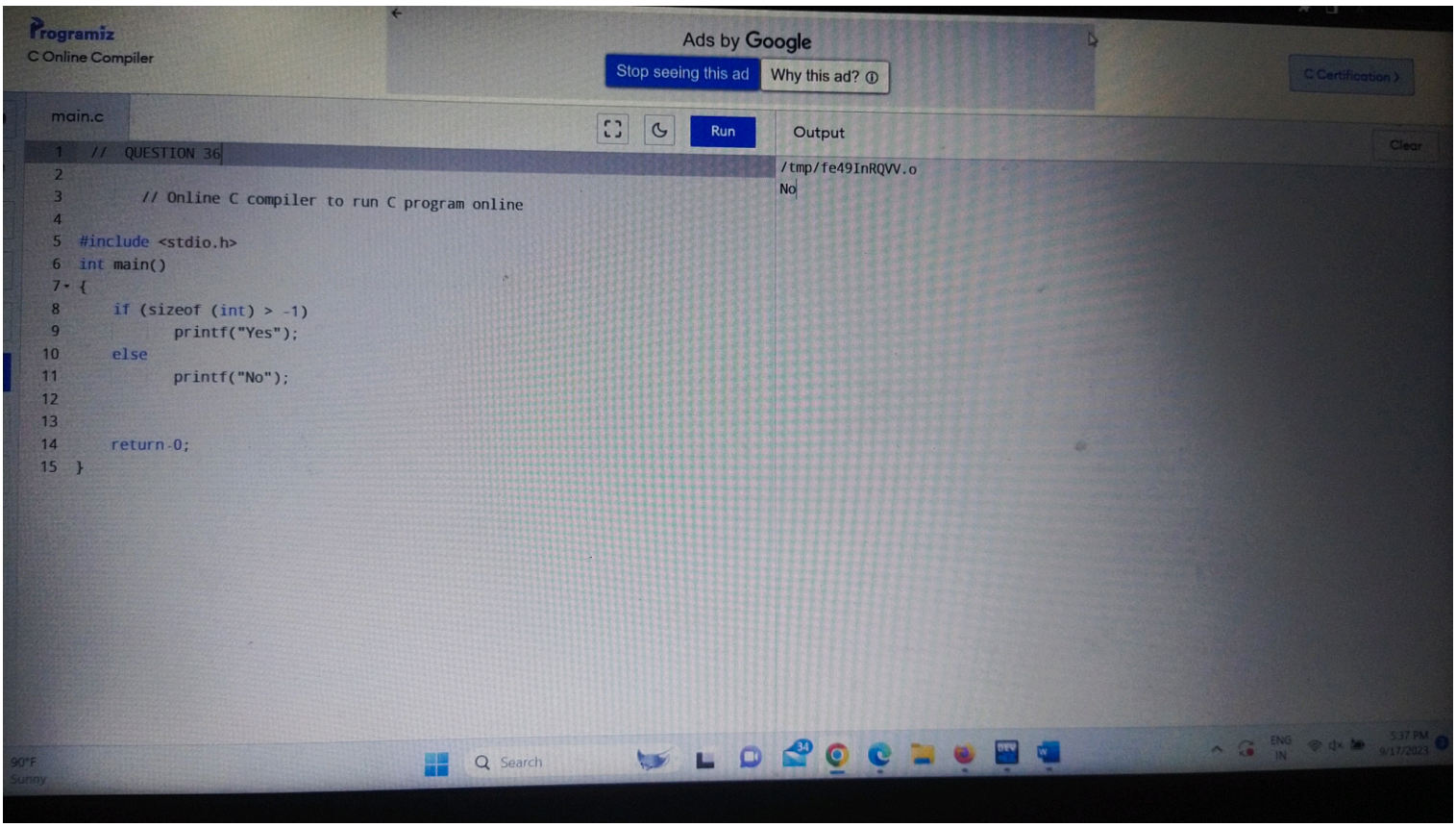
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// QUESTION 36
// Online C compiler to run C program online
#include <stdio.h>
int main()
{
if (sizeof (int) > -1)
printf("Yes");
else
printf("No");
return 0;
}
/tmp/fe49InRQVV.o
No
Search
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IN
5:37 PM
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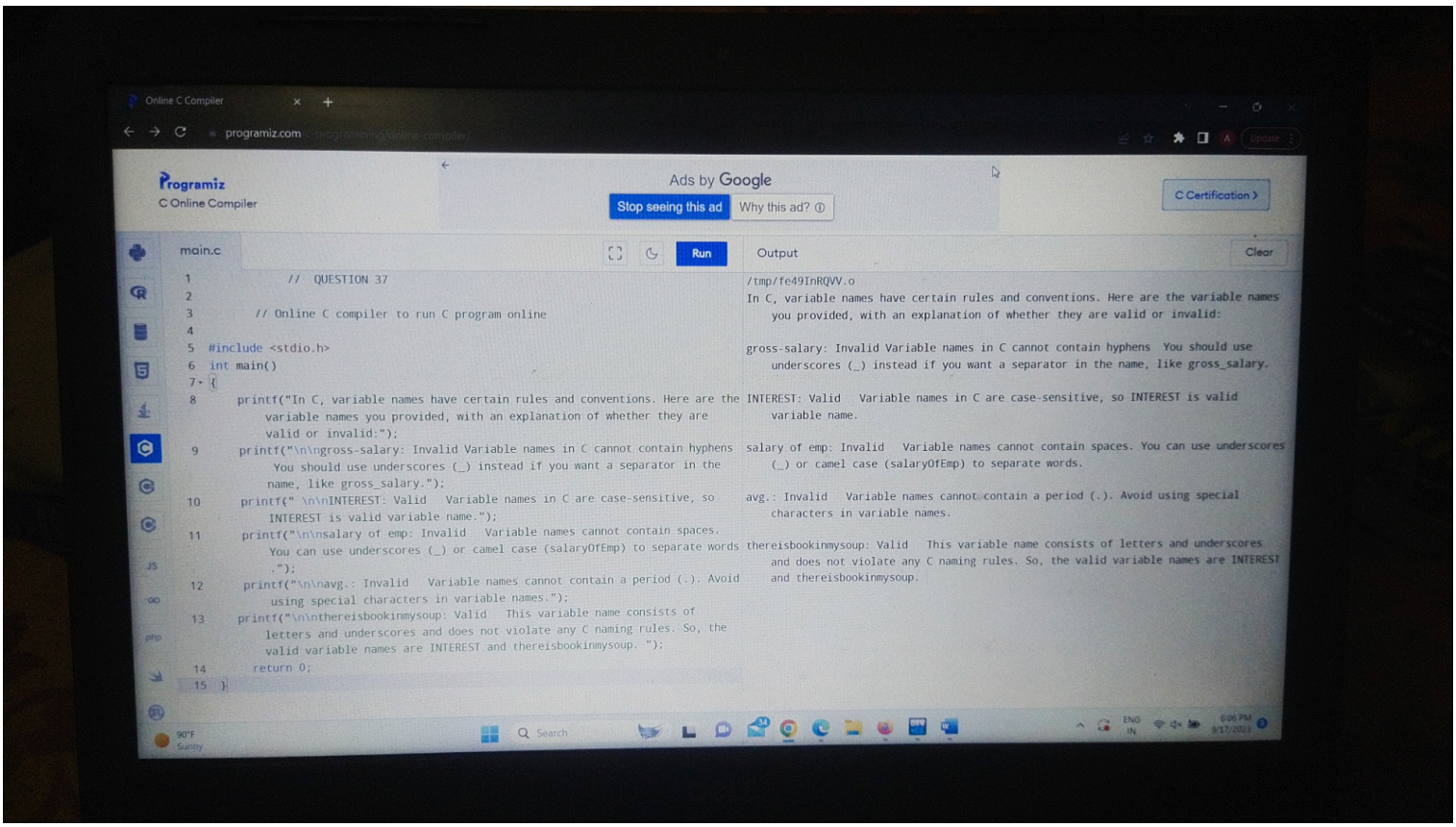
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Output
Clear
// QUESTION 37
// Online C compiler to run C program online
#include <stdio.h>
int main()
{
printf("In C, variable names have certain rules and conventions. Here are the variable names you provided, with an explanation of whether they 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.
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IN
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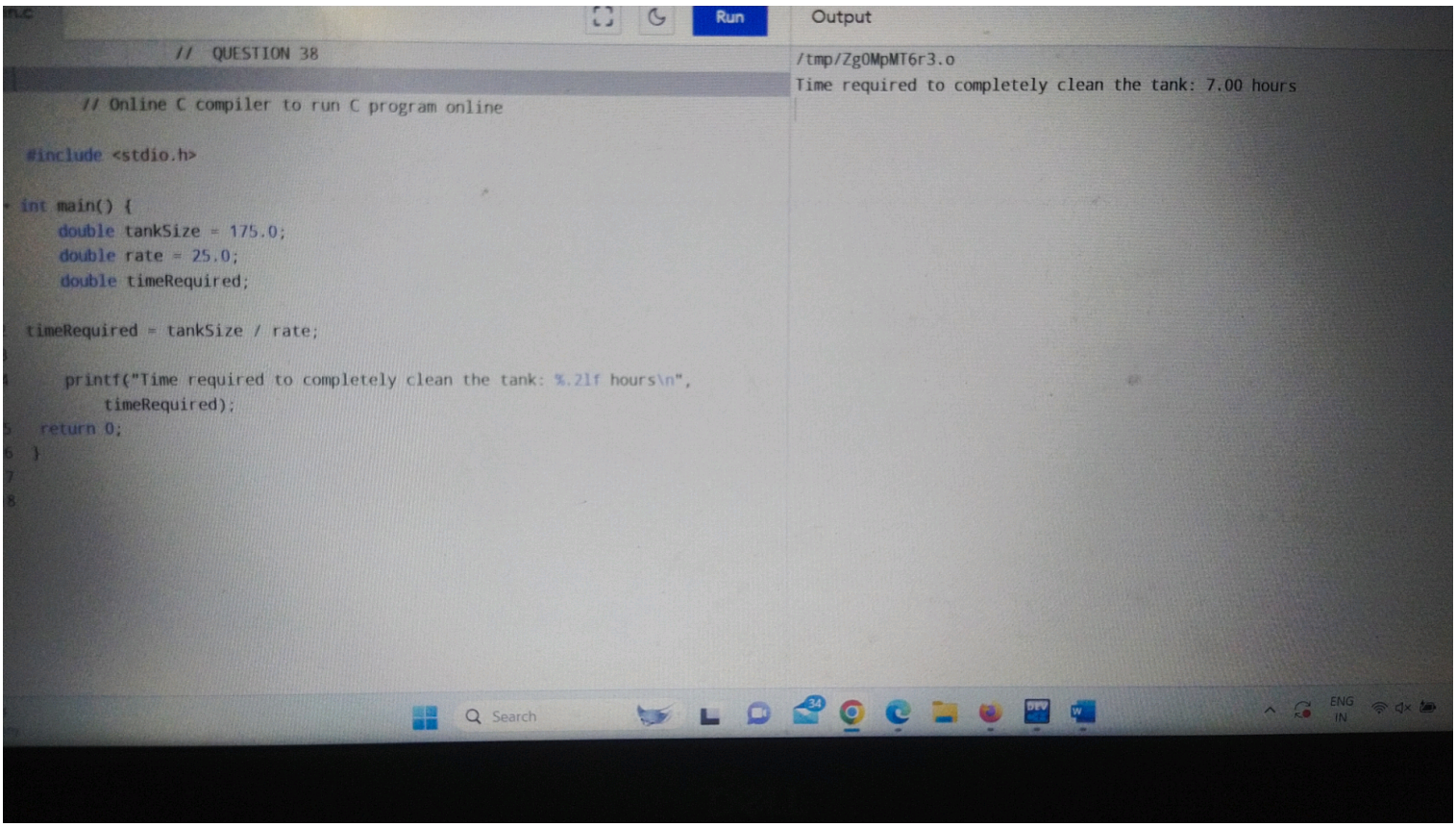
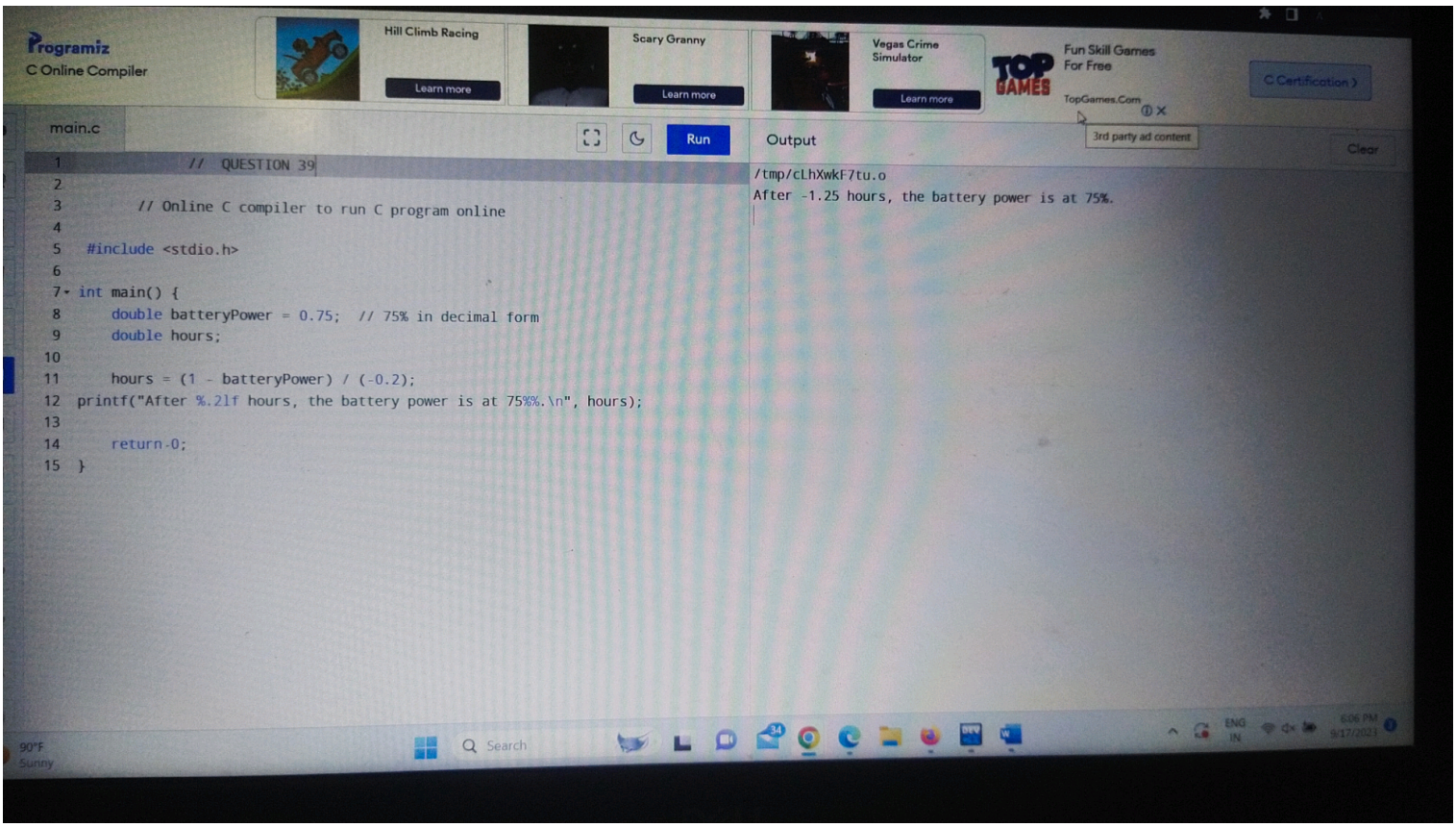

Run
Output
// QUESTION 38
// Online C compiler to run C program online
#include <stdio.h>
int main() {
double tankSize = 175.0;
double rate = 25.0;
double timeRequired;
timeRequired = tankSize / rate;
printf("Time required to completely clean the tank: %.2lf hours\n",
timeRequired);
return 0;
}
/tmp/ZgOMpMT6r3.o
Time required to completely clean the tank: 7.00 hours
Search
ENG
IN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Clear
// 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%.
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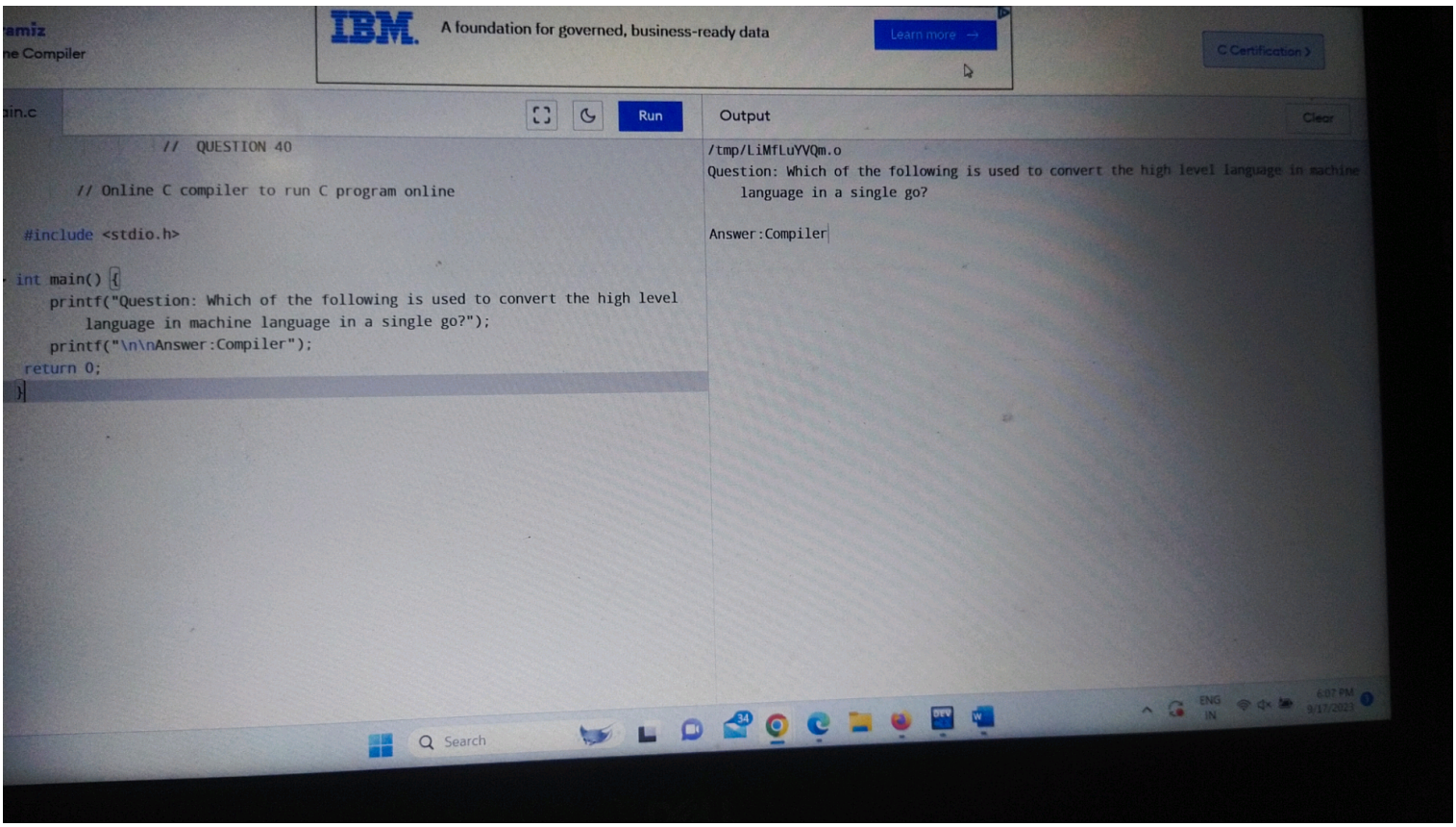
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Output
Clear
// QUESTION 40
// Online C compiler to run C program online
#include <stdio.h>
int main() {
printf("Question: Which of the following is used to convert the high level language in machine language in a single go?");
printf("\n\nAnswer:Compiler");
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