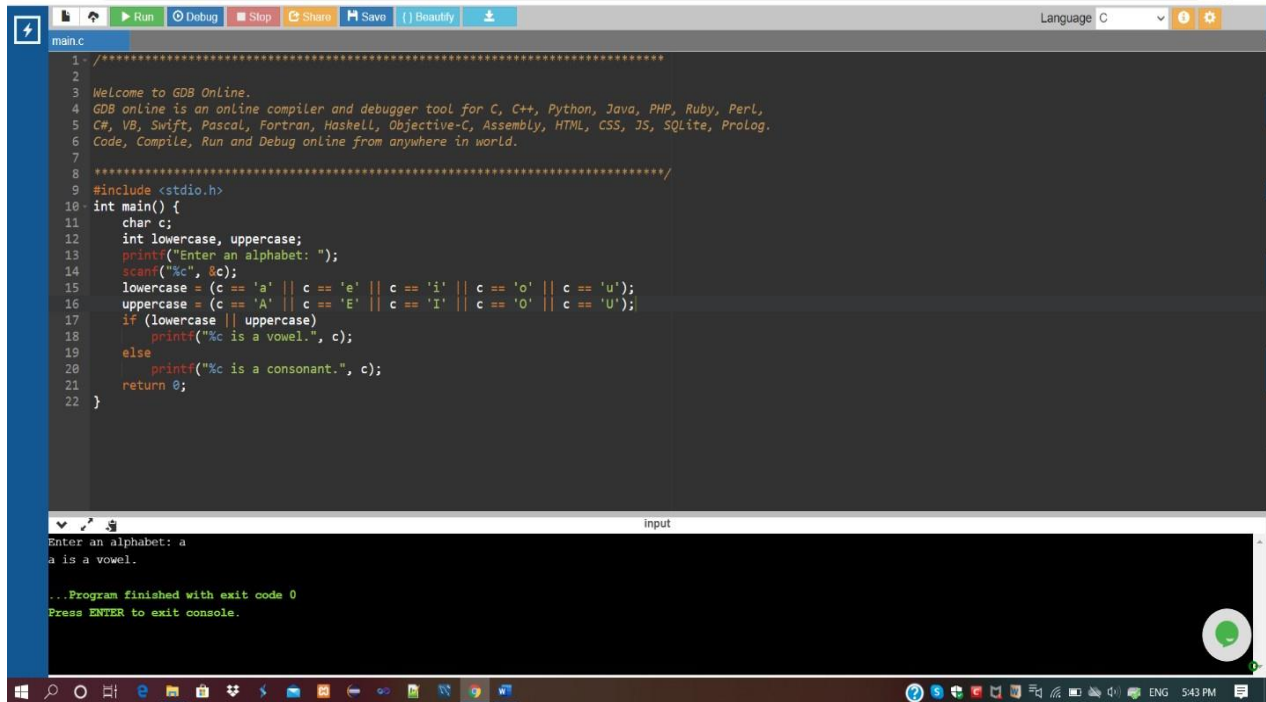


DAILY ONLINE ACTIVITIES SUMMARY

Date:	11-07-2020	Name:	M C Suchithra Heggade
Sem & Sec	VI Sem A	USN:	4AL17CS047
Pre-placement Training Summary			
Subject	-		
Max. Marks	-	Score	-
Online Certification Summary			
Course	-		
Certificate Provider		Duration	-
Coding Challenges			
Problem Statement: This is output of C program to check whether a given character is a vowel or a consonant.			
Status: Completed			
Uploaded the report in GitHub		Yes	
If yes Repository name		https://github.com/Suchitraheggade/certification-on-Online-coding	
Uploaded the report in slack		Yes	

Coding Challenges Details:

1.This is output of C program to check whether a given character is a vowel or a consonant.



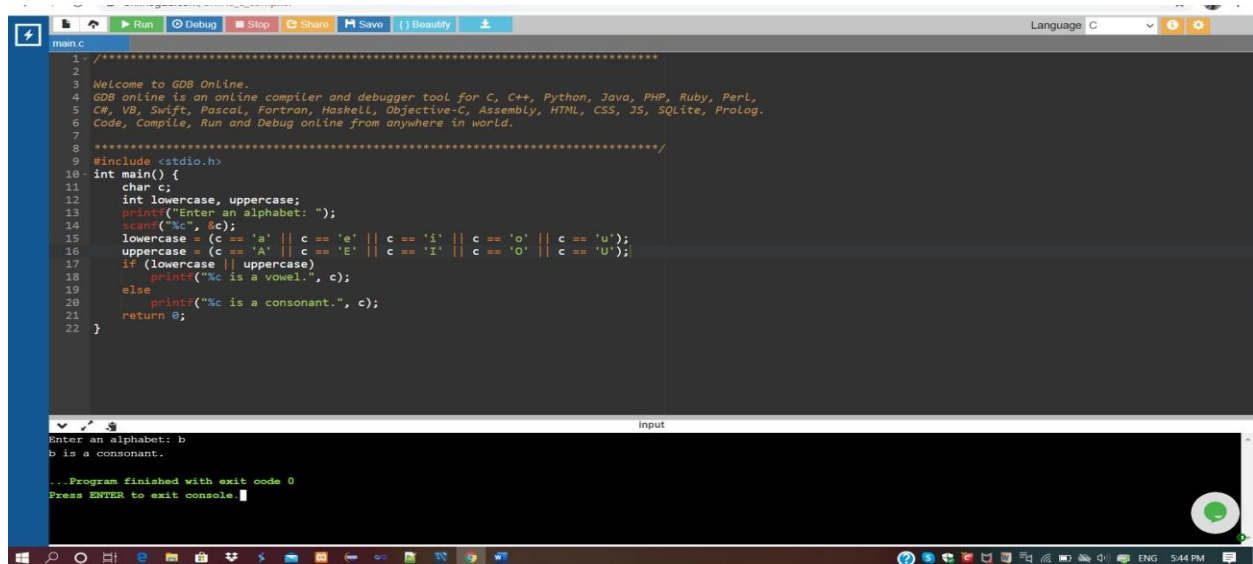
The screenshot shows a web-based IDE with a C program. The program prompts the user to enter an alphabet. The user has entered 'a', and the program has correctly identified it as a vowel. The console output shows the input and the resulting message.

```
1 //*****
2
3 Welcome to GDB Online.
4 GDB online is an online compiler and debugger tool for C, C++, Python, Java, PHP, Ruby, Perl,
5 C#, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.
6 Code, Compile, Run and Debug online from anywhere in world.
7
8 *****/
9 #include <stdio.h>
10 int main() {
11     char c;
12     int lowercase, uppercase;
13     printf("Enter an alphabet: ");
14     scanf("%c", &c);
15     lowercase = (c == 'a' || c == 'e' || c == 'i' || c == 'o' || c == 'u');
16     uppercase = (c == 'A' || c == 'E' || c == 'I' || c == 'O' || c == 'U');
17     if (lowercase || uppercase)
18         printf("%c is a vowel.", c);
19     else
20         printf("%c is a consonant.", c);
21     return 0;
22 }
```

input

Enter an alphabet: a
a is a vowel.

...Program finished with exit code 0
Press ENTER to exit console.



The screenshot shows the same C program as above, but with the input 'b'. The program has correctly identified 'b' as a consonant. The console output shows the input and the resulting message.

```
1 //*****
2
3 Welcome to GDB Online.
4 GDB online is an online compiler and debugger tool for C, C++, Python, Java, PHP, Ruby, Perl,
5 C#, VB, Swift, Pascal, Fortran, Haskell, Objective-C, Assembly, HTML, CSS, JS, SQLite, Prolog.
6 Code, Compile, Run and Debug online from anywhere in world.
7
8 *****/
9 #include <stdio.h>
10 int main() {
11     char c;
12     int lowercase, uppercase;
13     printf("Enter an alphabet: ");
14     scanf("%c", &c);
15     lowercase = (c == 'a' || c == 'e' || c == 'i' || c == 'o' || c == 'u');
16     uppercase = (c == 'A' || c == 'E' || c == 'I' || c == 'O' || c == 'U');
17     if (lowercase || uppercase)
18         printf("%c is a vowel.", c);
19     else
20         printf("%c is a consonant.", c);
21     return 0;
22 }
```

input

Enter an alphabet: b
b is a consonant.

...Program finished with exit code 0
Press ENTER to exit console.