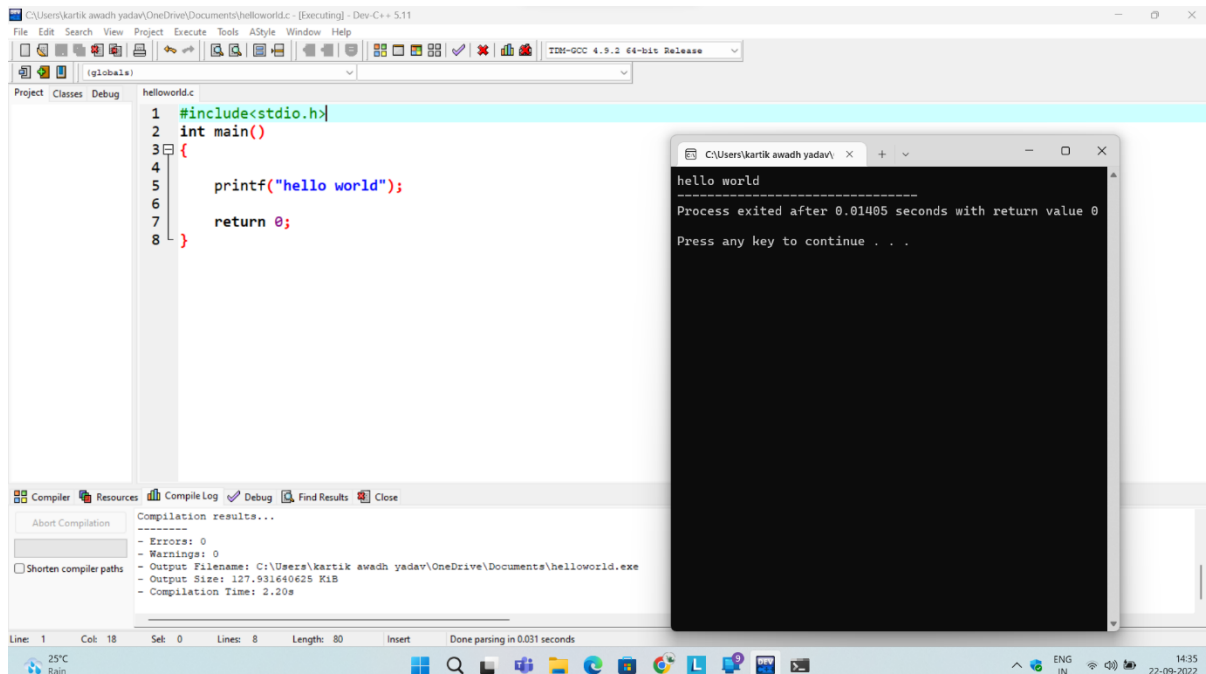
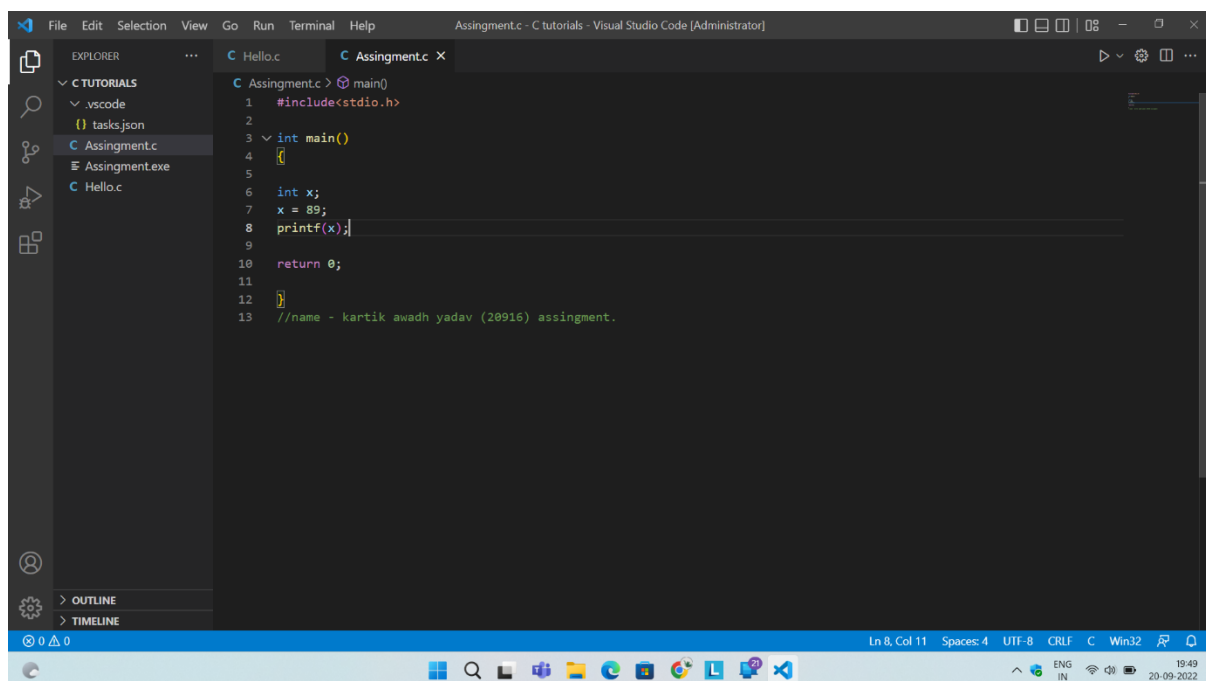


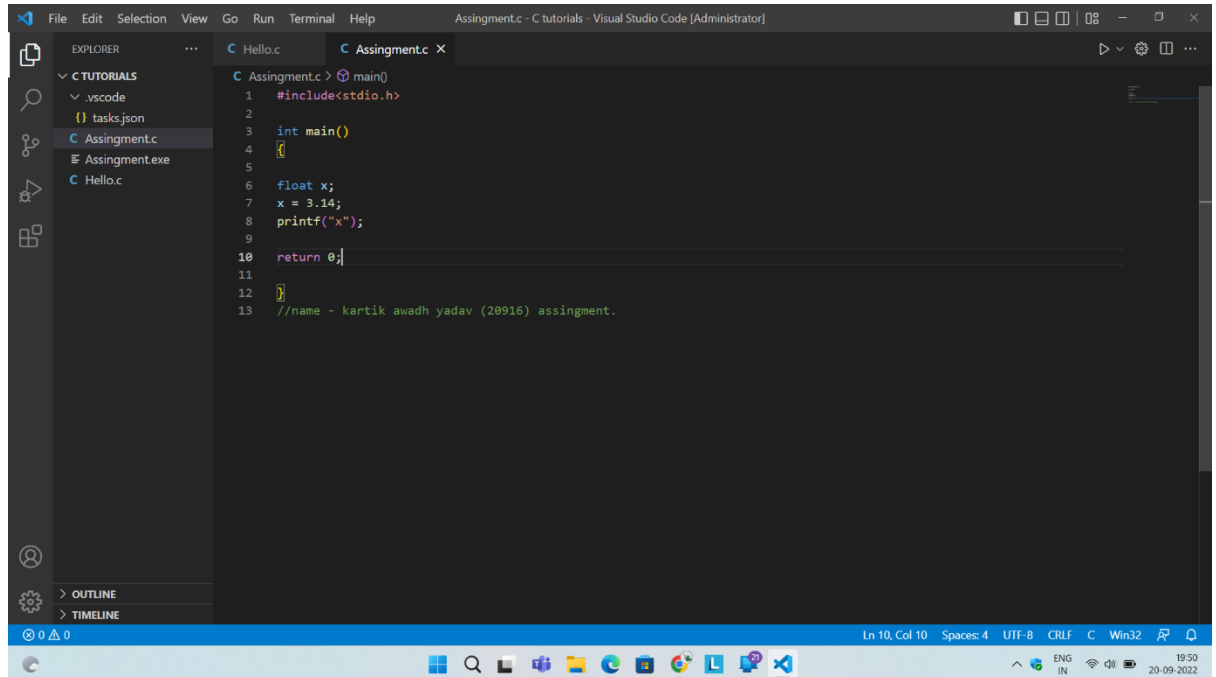
## 1) Write a program (WAP) to display "Hello World" on console display.



## 2) WAP to input an integer and display it.



### 3) WAP to input a decimal number and display it.

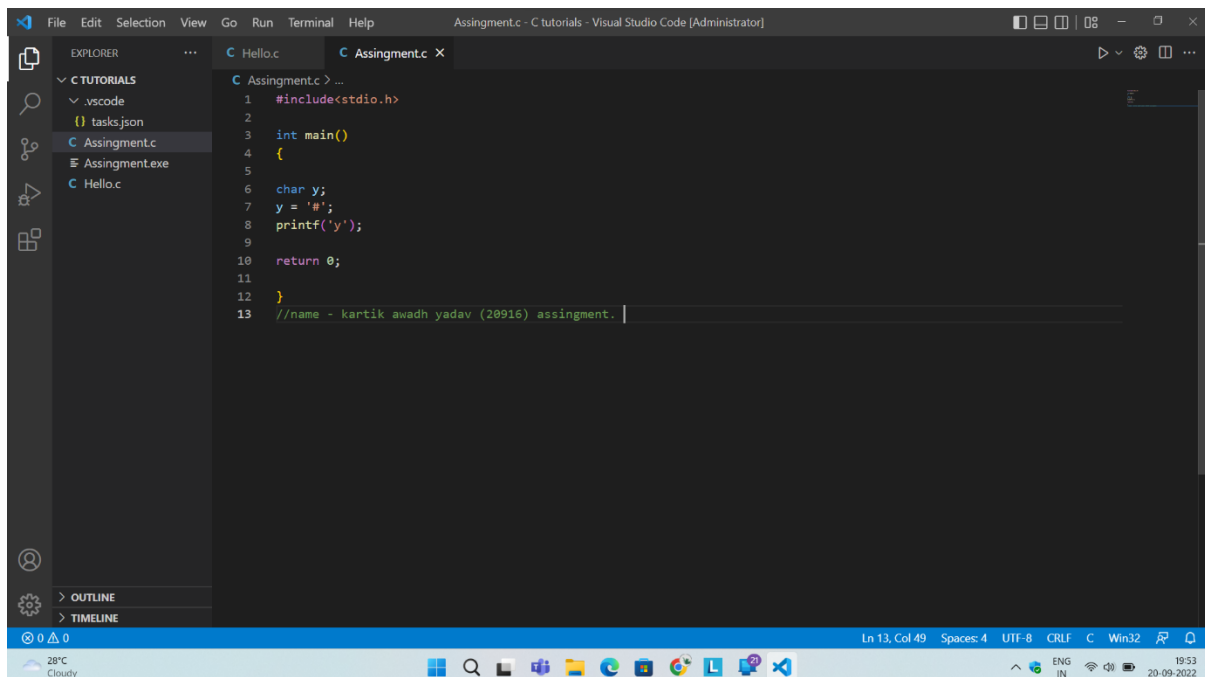


The screenshot shows the Visual Studio Code editor with a C program named 'Assingment.c' open. The program is designed to input a decimal number and display it. The code is as follows:

```
1 #include<stdio.h>
2
3 int main()
4 {
5
6     float x;
7     x = 3.14;
8     printf("x");
9
10    return 0;
11 }
12
13 //name - kartik awadh yadav (20916) assingment.
```

The Explorer panel on the left shows the project structure with files: .vscode, tasks.json, Assingment.c, Assingment.exe, and Hello.c. The status bar at the bottom indicates the current line and column as Ln 10, Col 10.

### 4) WAP to input a character and display it.

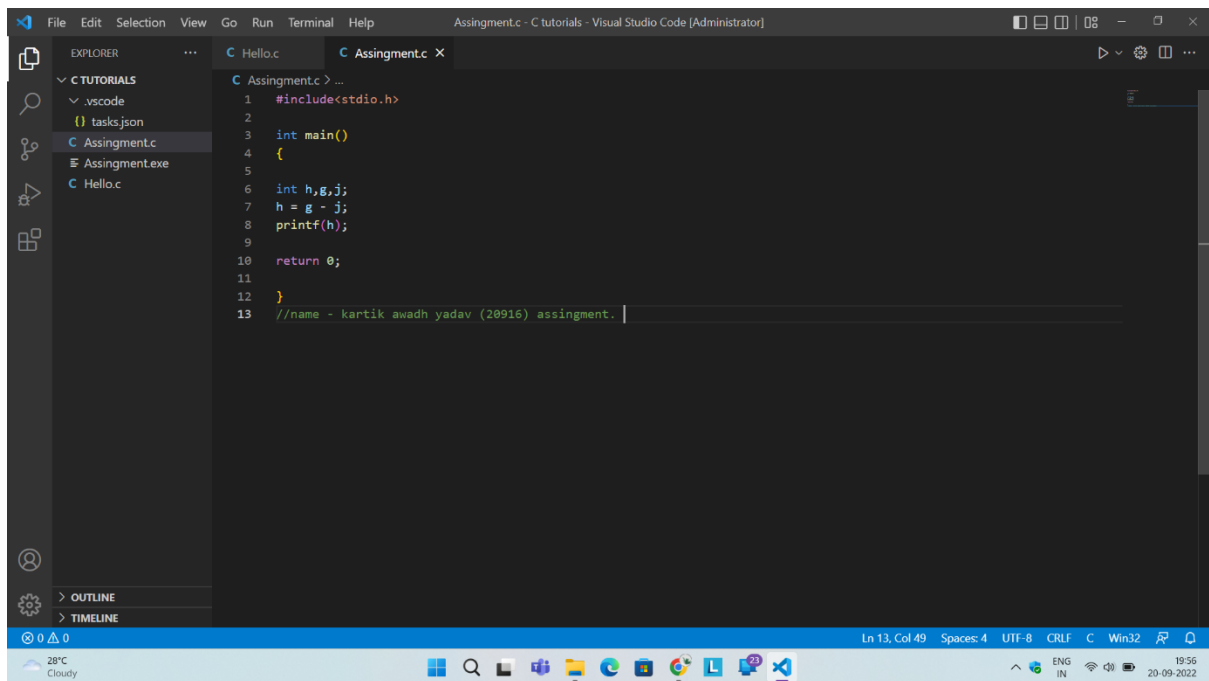


The screenshot shows the Visual Studio Code editor with a C program named 'Assingment.c' open. The program is designed to input a character and display it. The code is as follows:

```
1 #include<stdio.h>
2
3 int main()
4 {
5
6     char y;
7     y = '#';
8     printf('y');
9
10    return 0;
11 }
12
13 //name - kartik awadh yadav (20916) assingment.
```

The Explorer panel on the left shows the project structure with files: .vscode, tasks.json, Assingment.c, Assingment.exe, and Hello.c. The status bar at the bottom indicates the current line and column as Ln 13, Col 49.

## 5) WAP to add, subtract and multiply numbers. [ Note: Avoid Divide operation, we will do it in next lab after type casting].



The screenshot shows the Visual Studio Code editor with a C program named 'Assingment.c' (note the typo) open. The program is designed to perform addition, subtraction, and multiplication of two integers. The code is as follows:

```
1 #include<stdio.h>
2
3 int main()
4 {
5
6     int h,g,j;
7     h = g - j;
8     printf(h);
9
10    return 0;
11 }
12
13 //name - kartik awadh yadav (20916) assingment.
```

The Explorer sidebar on the left shows the project structure with files: 'tasks.json', 'Assingment.c', 'Assingment.exe', and 'Hello.c'. The status bar at the bottom indicates the current line and column (Ln 13, Col 49), the number of spaces (4), the encoding (UTF-8), the line ending (CRLF), the file type (C), and the window state (Win32). The system tray at the bottom shows the temperature (28°C), weather (Cloudy), and the date and time (19:56, 20-09-2022).