FIT2095 e-Business software technologies - S2 2021

Workshop Quiz: Week 8:

Question 1 (10 marks)

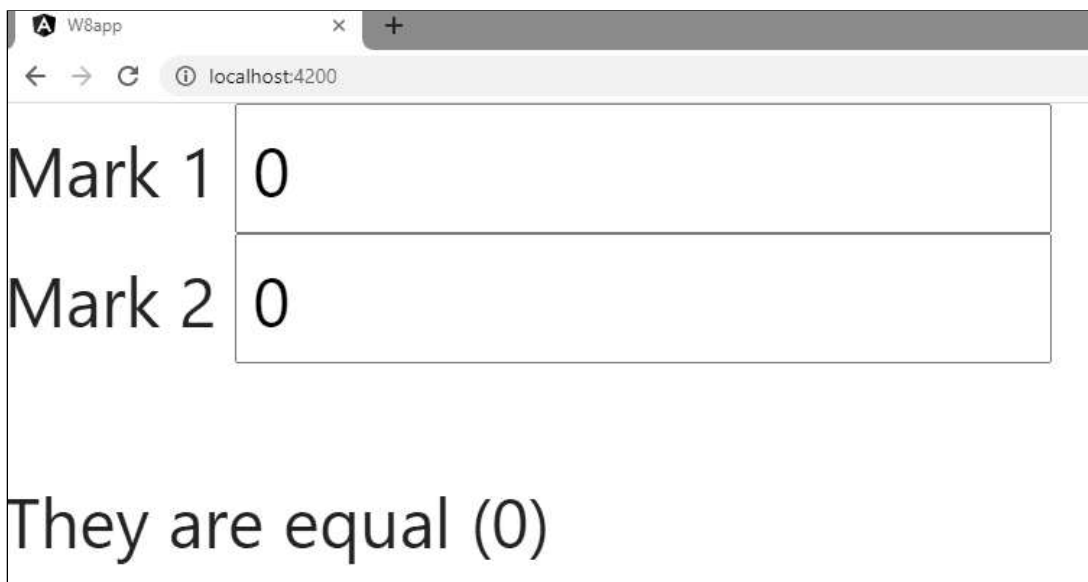Assume you have an Angular app with a single component.

The source code of app.component.ts is listed below:

```
import { Component } from '@angular/core';

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  no1 = 0;
  no2 = 0;
}
```

Code app.component.html such that it takes two numbers and displays which one is the maximum or if they are equal as shown below.

Note: you must NOT make any changes to app.component.ts file.
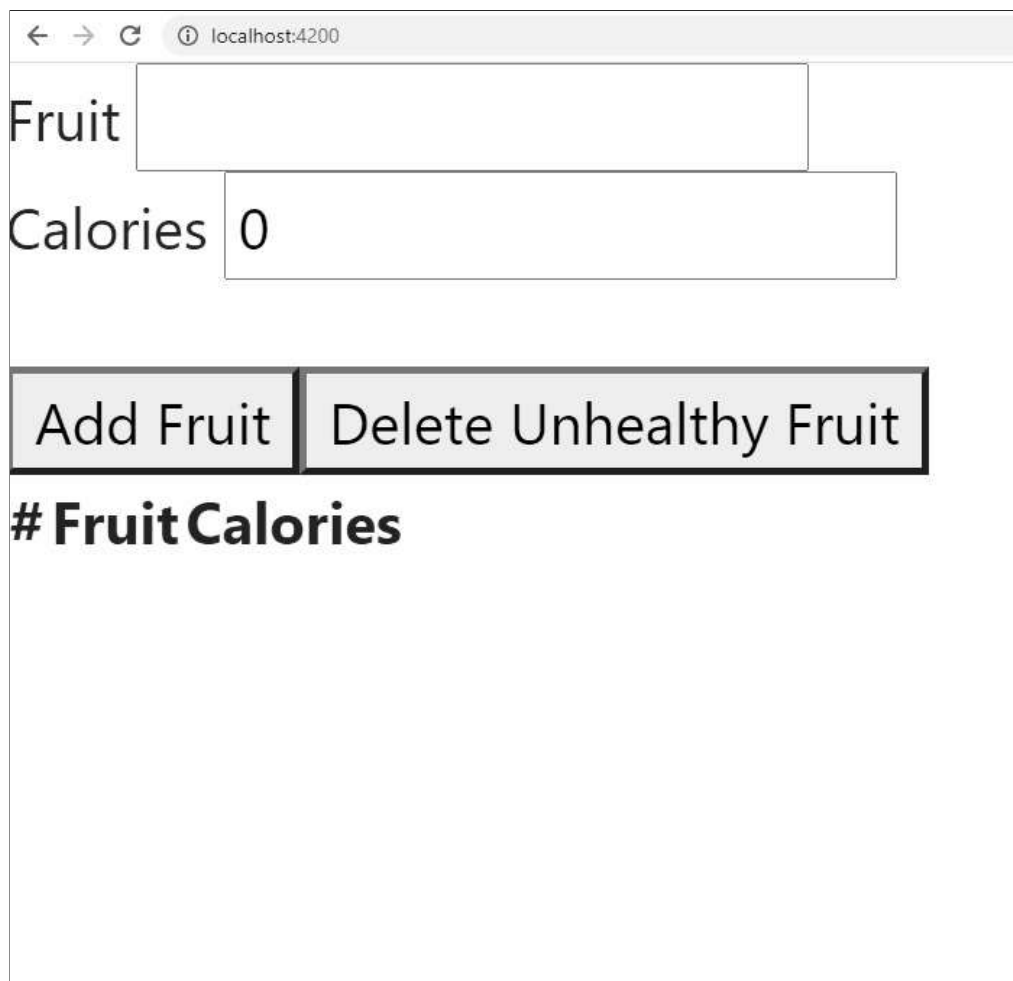

Question 2 (20 marks)

Assume you are developing an Angular App. Write the simplest component code that is sufficient to produce the following output. You need to provide the source codes of app.component.html and app.component.ts.

The component must take as input:

- a string represents the fruit's name
- a number represents the fruit's calories

Two buttons should be added:

- save a new fruit
- delete unhealthy fruits (any fruit with more than 100 calories)

Briefly explain why is TypeScript considered a strongly typed JavaScript? Support your answer with an example.