

Marvellous Infosystems : Angular Assignment 6

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1. Create application which will display one text field and one static text “Marvellous Infosystems” on page.

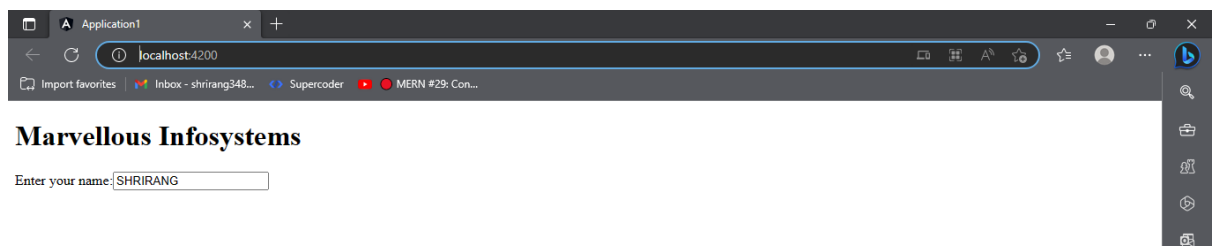
Follow all the steps to create new project and update app.component.html file. In this file add code to display one static text and one text field.

Answer:

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

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

```
<h1>{{ title }}</h1>
<label for="name">Enter your name:</label>
<input type="text" id="name" name="name">
```



2. Create application which will display one text field and one static text “Marvellous Infosystems” on page. Colour of that text should be blue.

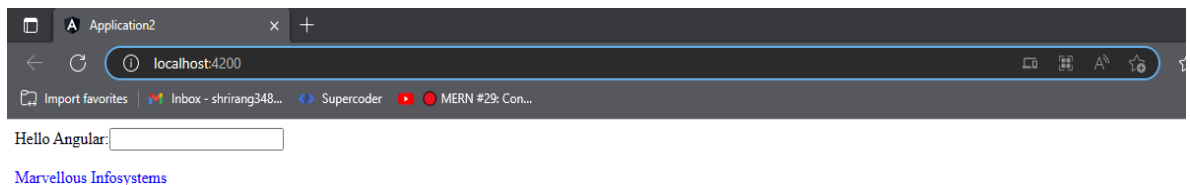
Follow same steps as above application.

As we want to specify colour add the specification in app.component.css file and see the changes.

Answer:

```
<div>
<label for="name">Hello Angular:</label>
<input type="text" id="name" name="name">
<p style="color: blue">Marvellous Infosystems</p>
</div>
```

```
p {
color: blue;
}
```



3. Create same angular application as above but instead of using app.component.html and app.component.css file separately add its contents in inline format inside app.component.ts file.

Same as the inline html we have to use inline css contents in app.component.ts file.

Answer:

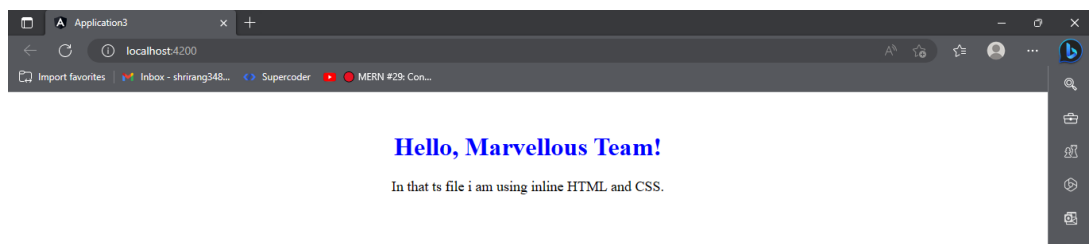
```
import { Component } from '@angular/core';

@Component({
  selector: 'app-root',
  template: `
    <h1 style="color: blue;">Hello, Marvellous Team!</h1>
    <p style="font-size: 18px;">In that ts file i am using inline HTML and CSS.</p>
  `,
  styles: [
    h1 {
      text-align: center;
      margin-top: 50px;
    }
  ]
})
```

```

p {
text-align: center;
}
`]
})
export class AppComponent {}

```



4. Create angular application which will demonstrate the concept of string interpolation. For this purpose create new component named as NewComp and render that from App component. Inside that new component add one class property as name.

Display that Name in small case.

Display that Name in capital case.

Display Name of string.

Display new string after concatenation with “Infosystems”.

To demonstrate the string interpolation create one characteristics in class as “Name” which should be assigned to some string as

Name = “Marvellous”

Now use this characteristics in html file using the concept of string interpolation as {{Name}}

Answer:

```

<p>Lowercase name: {{ name.toLowerCase() }}</p>
<p>Uppercase name: {{ name.toUpperCase() }}</p>
<p>Name of string: {{ 'string' }}</p>
<p>New string after concatenation: {{ name + 'Infosystems' }}</p>

```

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

@Component({
  selector: 'app-new-comp',
  templateUrl: './new-comp.component.html',
  styleUrls: ['./new-comp.component.css']
})
export class NewCompComponent {
  name = 'Marvellous';
}
```

```
<app-new-comp></app-new-comp>
```

