



STAGE 3

INSTRUCTIONS

Type something in the input of Stack and then click Push button

OUTPUT

The screenshot shows a web application interface for a stack. At the top, the word "Stack" is displayed. Below it, a list of items is shown: "My Stack Data" and "Hello World". At the bottom, there is a form with a "PUSH" button, an input field containing "My name is |", and a "POP" button.

MY-STACK.COMPONENT.HTML



```

<div class="jumbotron">
  <h1 class="display-3" style="text-align:center">Stack</h1>
  <div class="form-group">
    <textarea disabled style="height:10em" class="form-control">
    {{data}}</textarea>
  </div>
  <div class="input-group">
    <span class="input-group-btn">
      <button type="button" (click)="pushHandler()" class="btn
      btn-outline-info">Push</button>
    </span>
    &nbsp;
    <input type="text" (input)="textFieldInput =
    $event.target.value" class="form-control" placeholder="Enter a
    Value">
    &nbsp;
    <span class="input-group-btn">
      <button type="button" class="btn btn-outline-
      danger">pop</button>
    </span>
  </div>
</div>

```

MY-STACK.COMPONENT.TS



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

```
@Component({
  selector: 'app-my-stack',
  templateUrl: './my-stack.component.html',
  styleUrls: ['./my-stack.component.css']
})
export class MyStackComponent implements OnInit {

  data = "My Stack Data";
  textFieldInput = "";
  constructor() { }

  pushHandler()
  {
    this.data += "\n" + this.textFieldInput;
    this.textFieldInput = "";
  }

  ngOnInit() { }
}
```

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