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STAGE 1

INSTRUCTIONS

Type something in the input of Stack and then type enter

OUTPUT

Stack

My Stack Data

PUSH   Enter a Value   POP

Queue

My Queue Data

ENQUEUE   Enter a Value   DEQUEUE

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INDEX.HTML

```html
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>App1</title>
  <base href="/">
  <meta name="viewport" content="width=device-width, initial-
scale=1, shrink-to-fit=no">
  <link rel="icon" type="image/x-icon" href="favicon.ico">

  <!-- Material Design for Bootstrap fonts and icons -->
  <link rel="stylesheet" href="https://fonts.googleapis.com/css?
family=Roboto:300,400,500,700|Material+Icons">

  <!-- Material Design for Bootstrap CSS -->
  <link rel="stylesheet" href="https://unpkg.com/bootstrap-
material-design@4.0.0-beta.4/dist/css/bootstrap-material-
design.min.css" integrity="sha384-
R80DC0KVBO4GSTw+wZ5x2zn2pu4POSErBkf8/fSFhPXHxvHJydT0CSgAP2Yo2r4I"
crossorigin="anonymous">
</head>
<body>
  <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"
integrity="sha384-
KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>
  <script
src="https://unpkg.com/popper.js@1.12.6/dist/umd/popper.js"
integrity="sha384-
fA23ZRQ3G/J53mElWqVJEGJzU0sTs+SvzG8fXVWP+kJQ1lwFAOkcUOysnlKJC33U"
crossorigin="anonymous"></script>
  <script src="https://unpkg.com/bootstrap-material-design@4.0.0-
beta.4/dist/js/bootstrap-material-design.js" integrity="sha384-
3xciOSDAlaXneEmyOo0ME/2grfpqzhhTcM4cE32Ce9+8DW/04AGoTACzQpphYGYe"
crossorigin="anonymous"></script>
  <script>$(document).ready(function() {
```

```
       body').bootstrapMaterialDesign(); });</script>
       app-root></app-root>
</body>
</html>
```

MY-STACK.COMPONENT.HTML

```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" class="btn btn-outline-
info">Push</button>
    </span>
     
    <input type="text" (keyup.enter)="f1($event)" class="form-
control" placeholder="Enter a Value">
     
    <span class="input-group-btn">
      <button type="button" class="btn btn-outline-
danger">pop</button>
    </span>
  </div>
</div>
```

MY-STACK.COMPONENT.TS

```
ort { 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";
  constructor() { }

  f1(event:any)
  {
    this.data += event.target.value;
  }

  ngOnInit() { }
}
```

MY-QUEUE.COMPONENT.HTML

```
v class="jumbotron">
  h1 class="display-3" style="text-align:Center">Queue</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" class="btn btn-outline-
info">Enqueue</button>
    </span>
     
    <input type="text" class="form-control" placeholder="Enter a
Value">
     
    <span class="input-group-btn">
        <button type="button" class="btn btn-outline-
danger">Dequeue</button>
    </span>
  </div>
</div>
```

MY-QUEUE.COMPONENT.TS

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

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

  data = "My Queue Data";

  constructor() { }

  ngOnInit() { }

}
```

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