

# [CGA-JAVA-WFDA] Web Front-end Development Angular 2.1

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## [Thực hành]Sử dụng bootstrap xây dựng giao diện hiển thị danh sách sản phẩm

### Mục tiêu

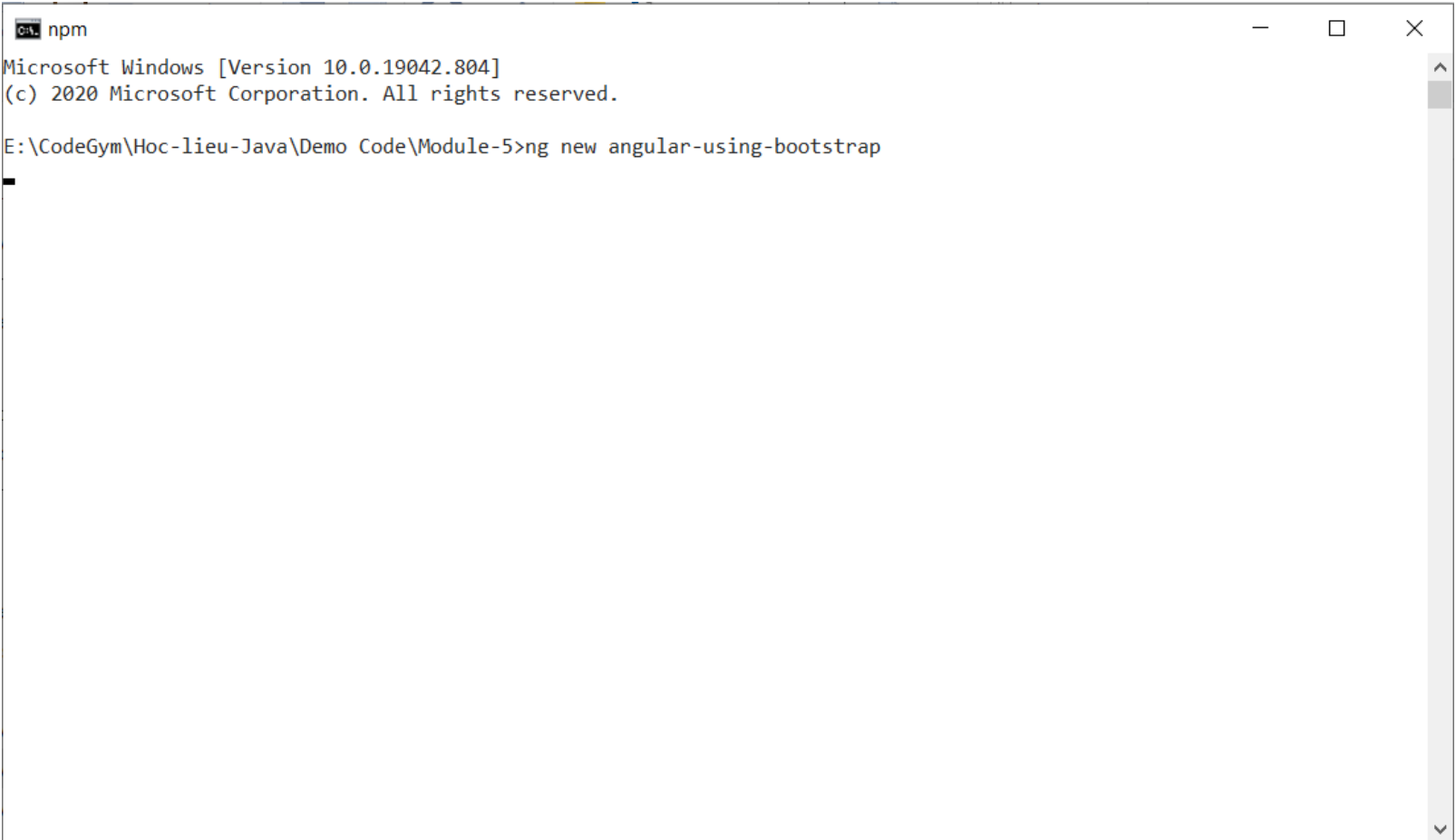
Biết cài đặt và sử dụng thư viện bootstrap cho dự án Angular.

### Nội dung

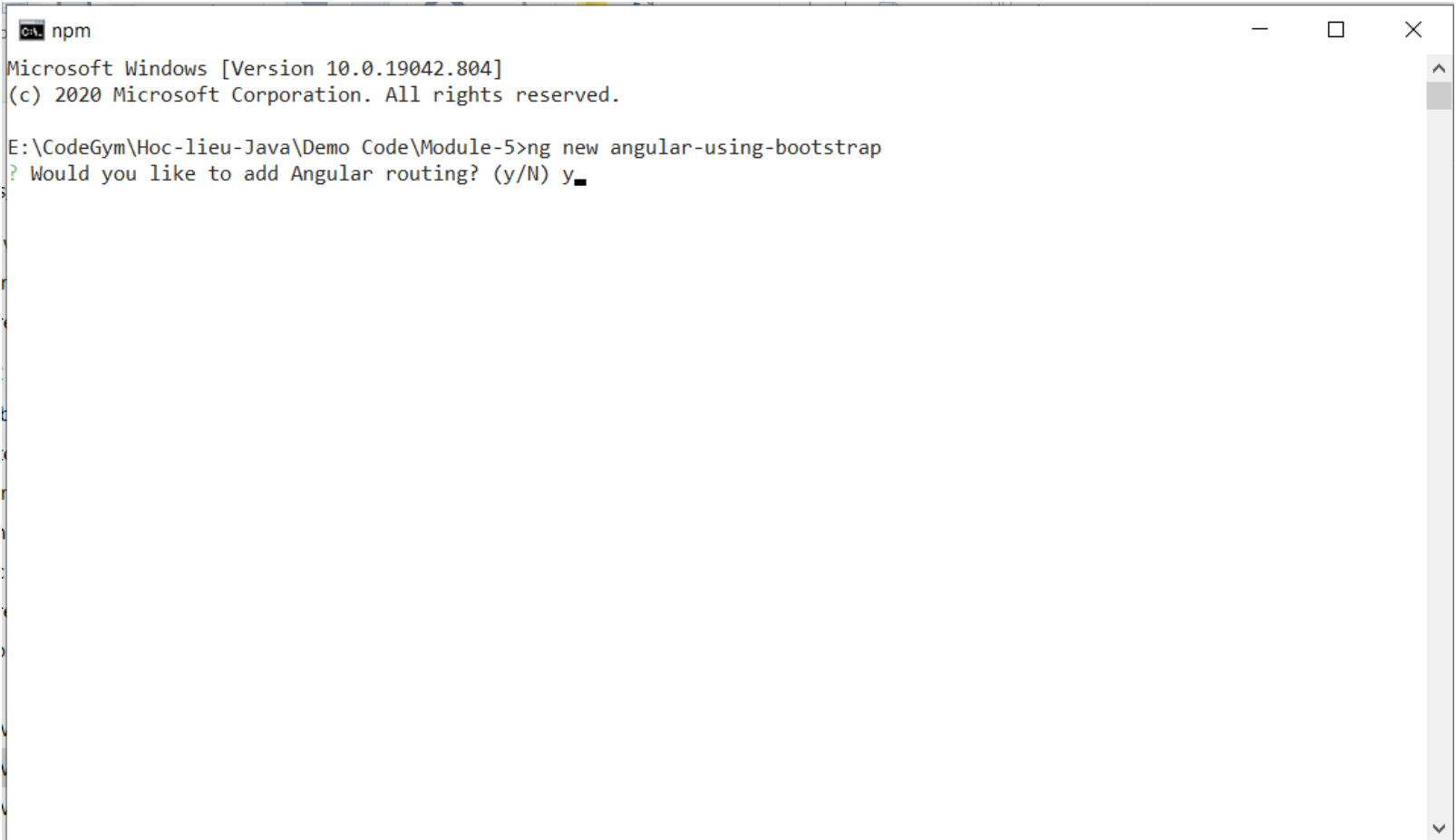
Xây dựng ứng dụng Angular hiển thị danh sách sản phẩm đang có sử dụng bootstrap trong dự án.

### Hướng dẫn

**Bước 1:** Mở cửa sổ terminal và gõ lệnh **ng new angular-using-bootstrap** để tạo mới một dự án Angular



Tại cửa sổ tiếp theo gõ chữ **y** và ấn enter



Tiếp theo chọn CSS và ấn enter và chờ ứng dụng được khởi tạo

```
C:\Windows\System32\cmd.exe
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in src/app/app.component.ts.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in src/app/app.module.ts.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in src/environments/environment.prod.ts.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in src/environments/environment.ts.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in src/index.html.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in src/main.ts.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in src/polyfills.ts.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in src/styles.css.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in src/test.ts.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in tsconfig.app.json.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in tsconfig.json.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in tsconfig.spec.json.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in tslint.json.
The file will have its original line endings in your working directory
Successfully initialized git.

E:\CodeGym\Hoc-lieu-Java\Demo Code\Module-5>
```

Ứng dụng đã được tạo thành công

**Bước 2:** Mở dự án vừa tạo bằng Webstorm

**Bước 3:** Mở cửa sổ terminal trong Webstorm và gõ lệnh **npm i -s bootstrap** để cài đặt bootstrap vào trong dự án của mình

```
Terminal: Local +
Microsoft Windows [Version 10.0.19042.804]
(c) 2020 Microsoft Corporation. All rights reserved.

E:\CodeGym\Hoc-lieu-Java\Demo Code\Module-5\angular-using-bootstrap>npm i -s bootstrap
+ bootstrap@4.6.0
added 1 package from 2 contributors and audited 1310 packages in 23.696s
found 6 vulnerabilities (5 low, 1 moderate)
  run `npm audit fix` to fix them, or `npm audit` for details

E:\CodeGym\Hoc-lieu-Java\Demo Code\Module-5\angular-using-bootstrap>
```

**Bước 4:** Trong file src/styles.css thêm đoạn code sau để import thư viện bootstrap vào trong dự án:

```
@import "~bootstrap/dist/css/bootstrap.css";
```

Nếu thành công, thư viện bootstrap style sẽ hiện diện:

```
<head>
  <meta charset="utf-8">
  <title>Apprenticeship's News</title>
  <base href="/">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <style type="text/css">
    /*!
     * Bootstrap v4.3.1 (https://getbootstrap.com/)
     * Copyright 2011-2019 The Bootstrap Authors
     * Copyright 2011-2019 Twitter, Inc.
     * Licensed under MIT (https://github.com/twbs/bootstrap/blob/master/LICENSE)
     */:root{--blue:#007bff;--indigo:#6610f2;--purple:#6f42c1;--pink:#e83e8c;--red:#dc3545;--
orange:#fd7e14;--yellow:#ffc107;--green:#28a745;--teal:#20c997;--cyan:#17a2b8;--
```

**Bước 5:** gõ lệnh ng g c product để tạo component product và thêm đoạn code sau vào file product.component.html:

```
<table class="table">
  <thead class="table-dark">
    <tr>
      <th>ID</th>
      <th>Name</th>
      <th>Price</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>1</td>
      <td>IPhone 12</td>
      <td>320000</td>
    </tr>
    <tr>
      <td>2</td>
      <td>IPhone 11</td>
      <td>160000</td>
    </tr>
    <tr>
      <td>3</td>
      <td>IPhone X</td>
      <td>100000</td>
    </tr>
  </tbody>
</table>
```

**Bước 6:** trong file app.component.html chúng ta gọi thẻ selector của component con và chạy dự án để xem kết quả:

```
<app-product></app-product>
```

Checkout sang nhánh develop để xem mã nguồn tham khảo: <https://github.com/codegym-vn/wfda-angular-using-bootstrap>

# Hướng dẫn nộp bài:

up bài tập lên github

paste link github vào phần nộp bài

## Submission status

Submission status	No attempt
Grading status	Not graded
Last modified	-
Submission comments	<div>▶ <a href="#">Comments (0)</a></div>

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