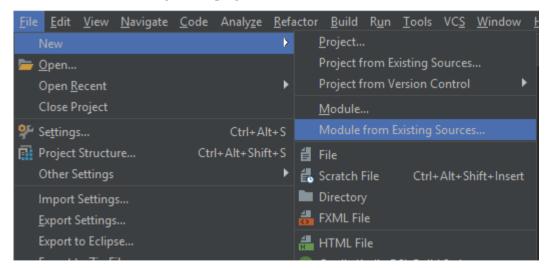
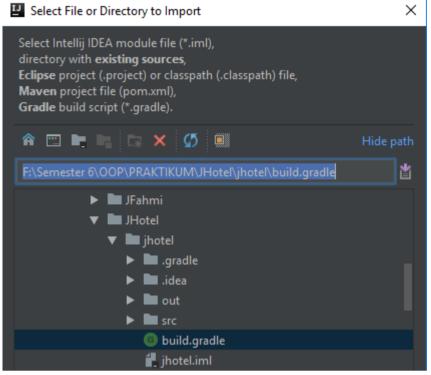
Part 1: Setup

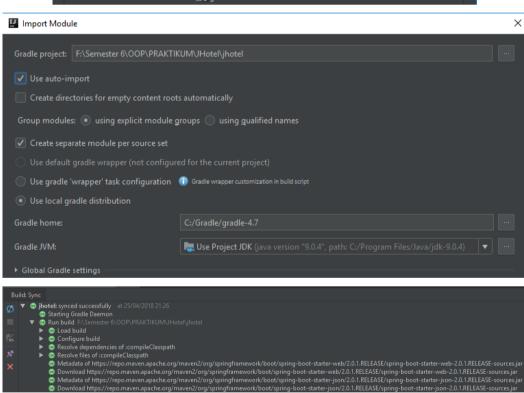
1. Installasi Gradle

```
:\Users\asus>gradle -v
Welcome to Gradle 4.7!
Here are the highlights of this release:
- Incremental annotation processing
 - JDK 10 support
 - Grouped non-interactive console logs
 - Failed tests are re-run first for quicker feedback
For more details see https://docs.gradle.org/4.7/release-notes.html
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.codehaus.groovy.reflection.CachedClass (file:/C:/Gradle/gradle
ize()
uze()
WARNING: Please consider reporting this to the maintainers of org.codehaus.groovy.reflection.CachedClass
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
Gradle 4.7
Build time:
                  2018-04-18 09:09:12 UTC
Revision:
                  b9a962bf70638332300e7f810689cb2febbd4a6c
Groovy:
                  2.4.12
                  Apache Ant(TM) version 1.9.9 compiled on February 2 2017 9.0.4 (Oracle Corporation 9.0.4+11)
Ant:
JVM:
                  Windows 10 10.0 amd64
os:
 :\Users\asus>
```

- 2. Backup Folder→Sudah
- 3. Instalasi Gradle Pada Intellij untuk project JHotel





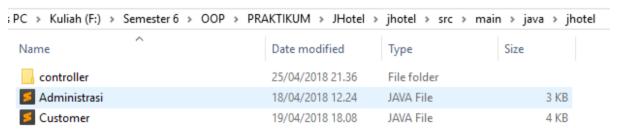


4. Pada Intellij buka dan konfigurasi gradle



5. Run Gradle

6. Membuat Folder Controller



Part 2: Coding

- 1. Menambahkan package pada semua class
 - Class selain CustomerController.java

- Class CustomerController.java

Sudah.

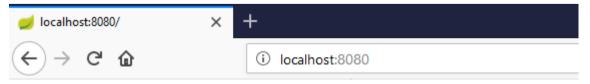
2. Edit class JHotel.java, Tambahkan CustomerController.java dari github ke folder controller yang telah dibuat sebelumnya, lalu bootRun program.

```
interpretation in the process of the process o
```

Jika berhasil muncul log seperti gambar dibawah

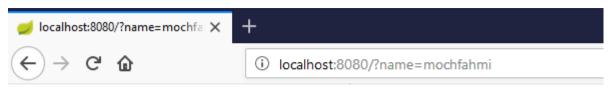
```
2018-04-25 23:47:28.250 INFO 7956 --- [ main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path ''
2018-04-25 23:47:28.258 INFO 7956 --- [ main] jhotel.JHotel : Started JHotel in 3.834 seconds (JVM running for 4.339)
2018-04-25 23:47:39.463 INFO 7956 --- [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring FrameworkServlet 'dispatcherServlet' content of the property of the patcher o
```

Bukalah http://localhost:8080 pada browser



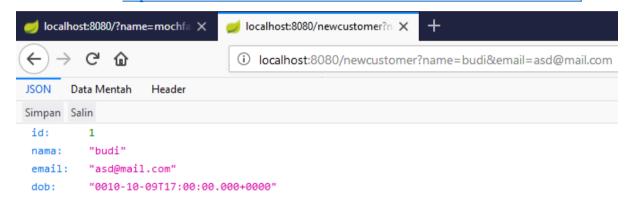
Hello world

Bukalah URL http://localhost:8080/?name=<nama_anda>

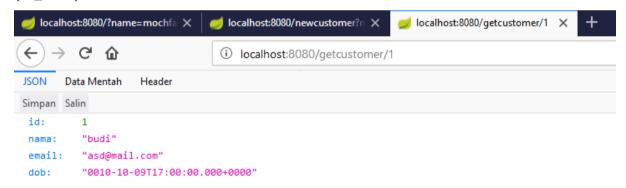


Hello mochfahmi

3. Masukkan URL http://localhost:8080/newcustomer?name=budi&email=asd@mail.com

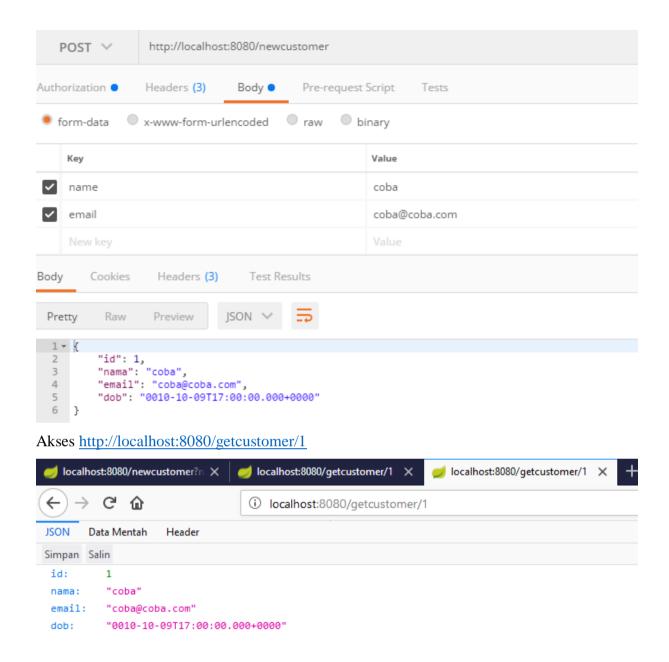


4. Masukkan URL http://localhost:8080/getcustomer/{id_anda} ke browser, dengan {id anda}

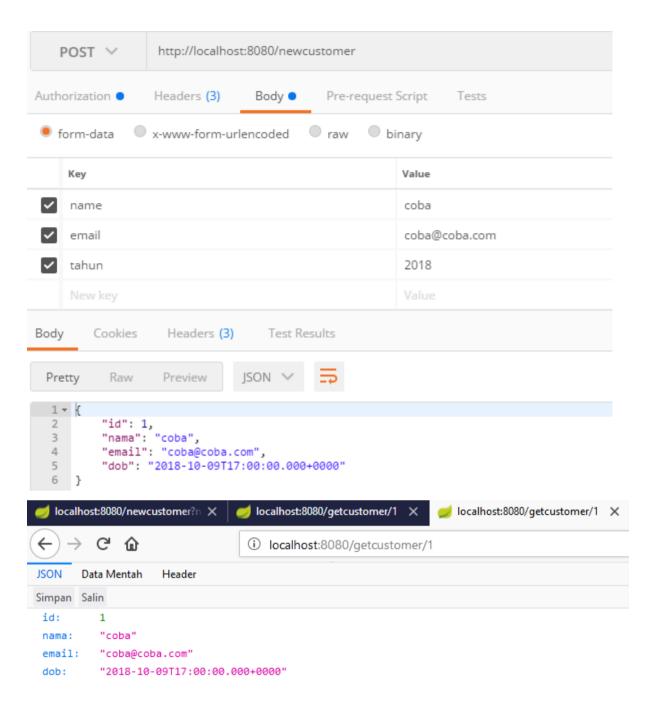


5. Ubah method newcust() beserta annotation @RequestMapping menjadi POST. Buka URL http://localhost:8080/newcustomer menggunakan Postman dan masukkan data

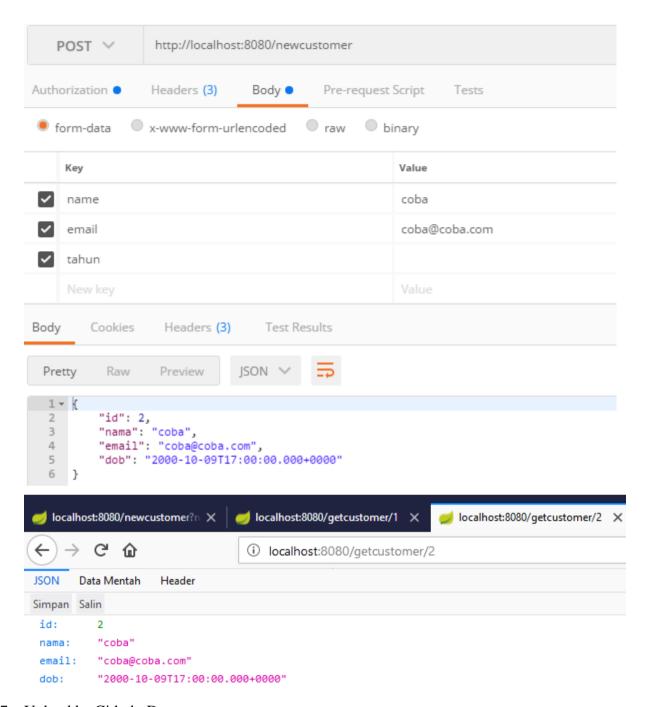
```
@RequestMapping(value = "/newcustomer", method = RequestMethod.POST) public Customer newCust(@RequestPara
    Customer customer = new Customer(name, tanggal: 10, bulan: 10, tahun: 10, email);
    try {
        DatabaseCustomer.addCustomer(customer);
    } catch (Exception ex) {
        ex.getMessage();
        return null;
```



6. Ubah method newcust() untuk dapat menentukan tahun sendiri. Jika tahun tidak ditentukan maka nilai defaultnya adalah tahun 2000.



Jik input tanpa menambakan tahunnya, maka akan menghasilkan nilai default untuk tahun yaitu 2000.



7. Upload ke Github, Done.