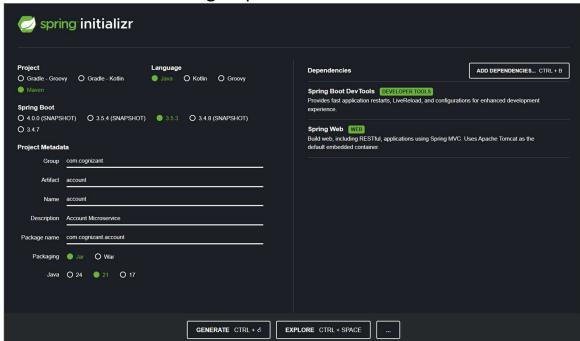
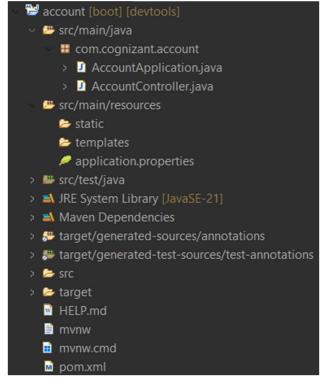
Creating Microservices for account and loan Account:

Open https://start.spring.io/ in browser And added the following requirements



And then generated it and extracted it into the required folder which was created in the D drive and then imported it into eclipse



Created AccountController.java class in the package

```
1 package com.cognizant.account;
3 import org.springframework.web.bind.annotation.*;
5 @RestController
6 @RequestMapping("/accounts")
90
      @GetMapping("/{number}")
       public Account getAccountDetails(@PathVariable String number) {
10
11
           return new Account(number, "savings", 234343);
14
15 class Account {
      private String number;
17
      private String type;
18
      private double balance;
19
200
      public Account(String number, String type, double balance) {
21
           this.number = number;
22
           this.type = type;
           this.balance = balance;
24
25
26
27
       public String getNumber() { return number; }
       public String getType() { return type; }
28
       public double getBalance() { return balance; }
30 }
```

Updated the server port number to 8081 in application.properties

```
1 spring.application.name=account
2 server.port=8081
3
```

Then run the AccountApplication.java class which consists of main method

```
package com.cognizant.account;

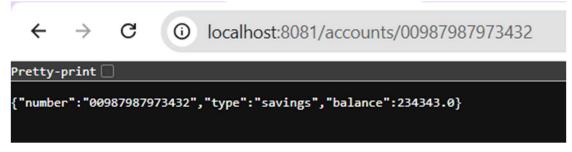
import org.springframework.boot.SpringApplication;

@SpringBootApplication
public class AccountApplication {

public static void main(String[] args) {
    SpringApplication.run(AccountApplication.class, args);
}

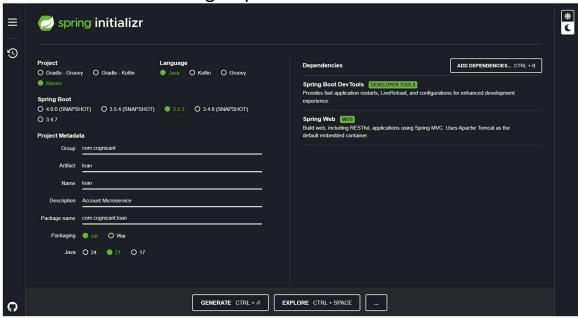
pringApplication.run(AccountApplication.class, args);
}
```

Then it showed that tomcat running at port 8081 And then checked at http://localhost:8081/accounts/00987987973432 Then it showed output

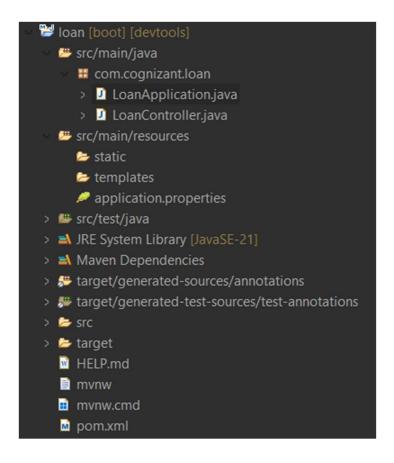


Loan:

Open https://start.spring.io/ in browser And added the following requirements



And then generated it and extracted it into the required folder which was created in the D drive and then imported it into eclipse



Created LoanController.java class in the package

```
1 package com.cognizant.loan;
3 import org.springframework.web.bind.annotation.*;
5 @RestController
6 @RequestMapping("/loans")
90
       @GetMapping("/{number}")
       public Loan getLoanDetails(@PathVariable String number) {
10
          return new Loan(number, "car", 400000, 3258, 18);
11
12
13 }
14
15 class Loan {
      private String number;
16
17
      private String type;
18
      private double loan;
19
      private int emi;
20
       private int tenure;
21
220
      public Loan(String number, String type, double loan, int emi, int tenure) {
23
           this.number = number;
24
           this.type = type;
25
           this.loan = loan;
26
           this.emi = emi;
27
           this.tenure = tenure;
28
29
30
31
       public String getNumber() { return number; }
32
       public String getType() { return type; }
33
       public double getLoan() { return loan; }
34
       public int getEmi() { return emi; }
       public int getTenure() { return tenure; }
35
36 }
```

Updated the server port number to 8082 in application.properties

```
1 spring.application.name=loan
2 server.port=8082
```

Then run the LoanApplication.java class which consists of main method

Then it showed that tomcat running at port 8082 And then checked at http://localhost:8082/loans/H00987987972342 Then it showed output

