

/src/main/java/com/infy/validator/Validator.java - Eclipse IDE

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Validator.java

```
1 package com.infy.validator;
2
3 import com.infy.dto.TraineeDTO;
4
5
6
7 public class Validator {
8
9
10 public static void validate(TraineeDTO trainee) throws InfyDASystemException {
11     if(!validateTraineePhoneNo(trainee.getPhoneNo()))
12     {
13         throw new InfyDASystemException("Validator.INVALID_DETAILS");
14     }
15 }
16
17 public static Boolean validateTraineePhoneNo(String phoneNo) throws InfyDASystemException {
18     int temp=phoneNo.length();
19     char c=phoneNo.charAt(0);
20     String temp2=String.valueOf(c);
21
22     if(temp==10 && temp2.matches("7|8|9"))
23     {
24         return true;
25     }
26     return false;
27 }
28 }
29
30
```

Violations Overview Console

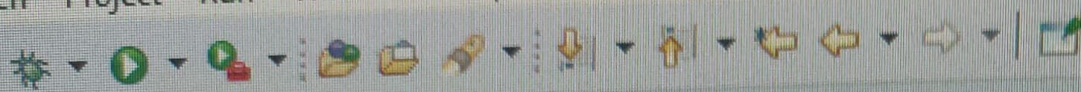
<terminated> UserInterface (4) [Java Application] C:\Program Files\Zulu\zulu-11\bin\javaw.exe (26-Feb-2021, 1:42:36 am)

Trainee added successfully with id: 1008

TraineeDTO [id=1001, name=Adam, phoneNo=9658014355, desktop=DesktopDTO [machineName=MYSGEC111111D, make=

InfyDASystemServiceImpl.java

```
1 package com.infy.service;
2
3 import org.apache.commons.logging.LogFactory;
4
5
6
7
8
9
10
11
12
13 @Service
14 public class InfyDASystemServiceImpl implements InfyDASystemService {
15     @Autowired
16     private InfyDASystemRepository infyDASystemRepository;
17
18     public TraineeDTO getAllocationDetails(Integer traineeId) throws InfyDASystemException {
19         try {
20             TraineeDTO x=new TraineeDTO();
21             x= infyDASystemRepository.getAllocationDetails(traineeId);
22             if(x==null)
23             {
24                 throw new InfyDASystemException("Service.NO_DETAILS_FOUND");
25             }
26             else
27                 return x;
28         }
29         catch(InfyDASystemException e)
30         {
31             LogFactory.getLog(this.getClass()).error(e.getMessage(),e);
32             throw e;
33         }
34     }
35
36 }
37
38 public Integer addNewTrainee(TraineeDTO trainee) throws InfyDASystemException {
39     try {
40         Validator.validate(trainee);
41         int temp=infyDASystemRepository.addNewTrainee(trainee);
42         return temp;
43     }
44     catch(InfyDASystemException e) {
45         LogFactory.getLog(this.getClass()).error(e.getMessage(),e);
46         throw e;
47     }
48 }
49
50 }
51
52
53 }
54
```

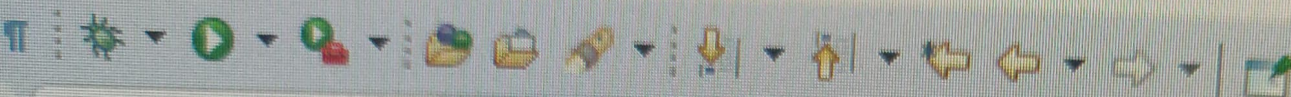



InfyDASystemRepositoryImpl.java

```
1 package com.infy.repository;
2
3 import org.springframework.stereotype.Repository;
4
5 @Repository
6 public class InfyDASystemRepositoryImpl implements InfyDASystemRepository {
7
8     public TraineeDTO getAllocationDetails(Integer traineeId) throws InfyDASystemException {
9         TraineeDTO trainee = null;
10
11         if (traineeId == 1001) {
12             trainee = new TraineeDTO();
13             trainee.setId(traineeId);
14             trainee.setName("Adam");
15             trainee.setPhoneNo("9658014355");
16             DesktopDTO desktop = new DesktopDTO();
17             desktop.setMachineName("MYSGEC111111D");
18             desktop.setMake("Acer");
19             trainee.setDesktop(desktop);
20         }
21         return trainee;
22     }
23
24     public Integer addNewTrainee(TraineeDTO trainee) throws InfyDASystemException {
25         return trainee.getId();
26     }
27 }
28
29
30
31
32
33
34
```


ee/src/main/java/com/infy/configuration/SpringConfig.java - Eclipse IDE

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SpringConfig.java

```
1 package com.infy.configuration;
2
3 import org.springframework.context.annotation.ComponentScan;
4
5
6
7 @Configuration
8 @PropertySource("classpath:messages.properties")
9 @ComponentScan(basePackages="com.infy.service com.infy.repository ")
10 public class SpringConfig {
11
12
13 }
14
```