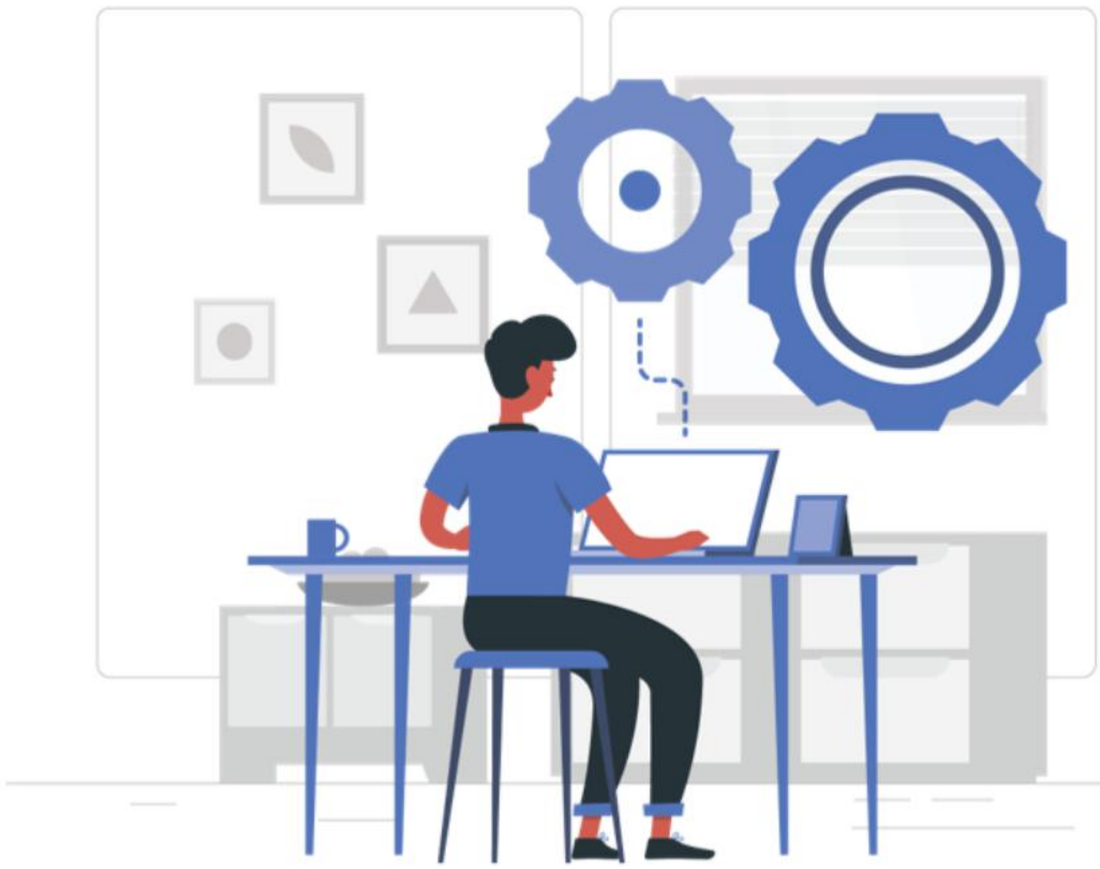

Challenge

Implement Exception Handling

Implementation Environment

- The challenge must be done in the IntelliJ IDE.
- Click here to install IntelliJ
- You must have access to GitLab.
- Install git to be able to clone and push code to the repository.
- You must be familiar with forking and cloning a git repository.

Implementation Environment

- Cloning a repository from git
  - After forking the boilerplate into your namespace, execute the below command on git bash or command prompt to clone the repository into your local machine.

```
git clone <repository link>
```

- Push the solution back to git
  - After completing the challenge, push the code back to git using the below commands.

```
git add .
git commit –m “comments on the push”
git push –u origin master
```

Online Computer Quiz

A community school organized an online, interschool computer quiz. 10 different schools participated in the quiz. The quiz scores of all the schools are available.

Help the team to find the school with the highest quiz score.

CHALLENGE

Instructions for the Challenge

- Click here for the boilerplate.
- Fork the boilerplate using the fork button 

- Select your namespace to fork the project.
- Clone the project into your local system.
- Open the project in the IntelliJ IDE.
- Work on the solution.
- Execute the test cases given in the test folder.
- Push the solution to git.

Challenge: Tasks

- Write a Java program that will provide the name of the school with the highest score.
- Write a Java program that will convert all the school's names to upper case.
- Handle all the appropriate exceptions.

Tasks (Cont'd)

- Write all the logic for the program inside the `QuizDemo` class provided.
  - Write the logic to calculate the highest quiz score inside the method below and return the String with the school's name:

```
public String highestScore(String []nameOfSchool , String[] scores ){
```

  - Write the logic to convert all the given school's name to uppercase inside the method below and return the String array that contains all the school's name in uppercase:

```
public String[] convertAllNamesToCapital(String name[])
```

  - Write try and catch to handle the appropriate exception.

Input and Output

- **Sample Input:**
  - `String nameOfSchools[] = {"DAV","RSK","Treamis","Candor","Oak","UAV", "BCGS","BCBS","Baldwin","NPS"};`
  - `String scores[] = {"86" , "78" , "95" ,"6" ,"44" , "33" , "82" , "77" ,"8" ,"90"};`
- **Sample Output:**

```
String schoolName - Treamis
```

Input and Output (Cont'd)

- **Sample Input:**
  - `String nameOfSchools[] = {"DAV","RSK","Treamis","Candor","Oak","UAV", "BCGS", "BCBS","Baldwin","NPS"};`
  - `String scores[] = {"86" , "78" , "95" ,"6" ,"Forty-four" , "33" , "82" , "77" ,"8" ,"90"};`
- **Sample Output:**

```
java.lang.NumberFormatException:

For input string: "Forty-four" - Treamis
```

Input and Output (Cont'd)

- **Sample Input:**
  - `String nameOfSchools[] = {"DAV","RSK",null,"Candor","Oak","UAV", "BCGS", "BCBS","Baldwin","NPS"};`
  - `String scores[] = {"86" , "78" , "95" ,"6" ,"44" , "33" , "82" , "77" , "8" ,"90"};`
- **Sample Output:**
  - `java.lang.NullPointerException`