

# User Manual for the Mini Project

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*Thanks for using this mini project. This mini project is designed to handle a check in process for a workshop event, and this is an user manual that guides you step by step to use it. Enjoy!*

## [Step 1]: Compile the code.

There should be three .java files, which are:

MyFrame.java, AnotherFrame.java and CheckIn.java.

Use the command:

```
javac CheckIn.java
```

It will compile seven .class files, which are:

MyFrame.class, MyFrame\$1.class, MyFrame\$2.class, MyFrame\$3.class, AnotherFrame.class, AnotherFrame\$1.class and CheckIn.class.

## [Step 2]: Commence the programme.

Use the command:

```
java CheckIn
```

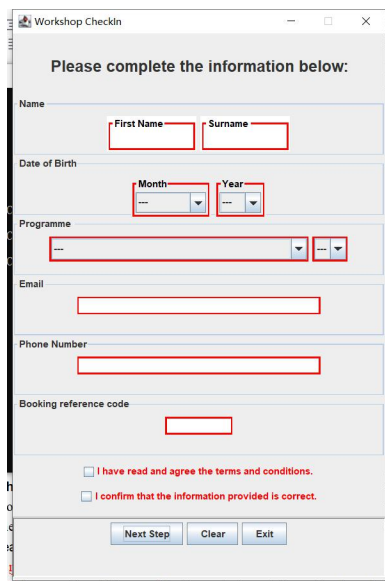
There will be a GUI window named “**Workshop CheckIn**”, which is shown below.

It has these features.

- ✓ In the “**Name**” panel, you are supposed to enter your full name. More specifically, your first name into the left input box, and your surname into the right one.
  - ✓ In the “**Date of Birth**” panel, you are supposed to enter your date of birth (DoB). More specifically, your birth month into the left input box, and your birth year into the right one.
  - ✓ In the “**Programme**” panel, you are supposed to select your major and your grade. More specifically, your major into the left combobox, and your grade into the right one.
  - ✓ In the “**Email**” panel, you are supposed to enter your email into the input box.
  - ✓ In the “**Phone Number**” panel, you are supposed to enter your phone number into the input box.
  - ✓ In the “**Booking reference code**” panel, your are supposed to enter your reference code (consists of digits and letters) into the input box.
- For the information entered, there are some constraints.
- As you can see in the figure above, there are four “---” in each JCheckBox. It means that the option here hasn't been selected, and it won't step into the next window if remaining like this.
  - For the “**Email**” part, the project presets some restrictions to ensure it has a correct syntax. These email syntax will cause an error message window saying “Wrong email syntax!”

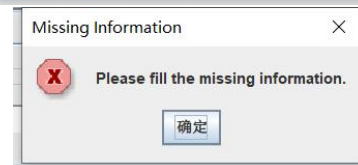
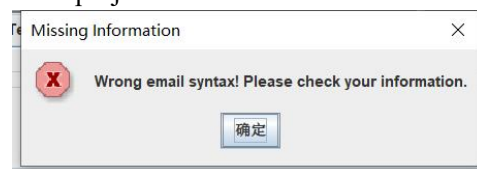
Please check your information.”

1. It doesn't have any “@” or “.”. For example: jp2019213629.qmul.ac.uk; jp2019213629@qmul.ac.uk.
  2. Its “.” appears before “@”. For example: jp2019213629.qmul@ac.uk.
  3. Its “.” comes right after “@”. For example: jp2019213629@.ac.uk.
- For the “**Phone Number**” part, you must make sure the information you entered here consists of only digits (You don't need to specify your country code like “+86” here). For example, the project will cause an error message window saying “Wrong phone number syntax! Please check your information.” if you entered 1586294abcde.
  - If there is missing information, or there is unselected checkbox, it will cause an error message window saying “Please fill the missing information.” and red the corresponding part in the panel.



If you want to re-enter your information, you can click the “**Clear**” button, and the whole window will recover to its initial opening status.

If you want to quit this project, just click the “**Exit**” button, and the project will shut down.



If there is any incorrect information, the project will show a error message corresponding to its error type mentioned above (missing information, wrong syntax) when you click the “**Next Step**” button.



When all the information is entered and correct, you can click the “**Next Step**” button, and it will show a dialog window saying “Have you checked all information is correct? You can't change the information once the information is submitted.”

If you select “**No**”, the dialog will close and you can re-check your information.

If you select “**yes**”, then there will come up a window named “**Check In Complete**”, and the previous window will close. In this window, you can see the information you entered in the last window.

At last, you can click the “**Finish**” button, and the window will close and the entire project will shut down.

