

# In-semester Test

- The test will be 60 mins in duration.
- No Internet or previous files.
- You will have access to the course webpages (not sample code).
- You will be provided .cpp and .h files for each question.
- Do not change the names of any functions.

## Before the test

- You will be given access to the test files.
- Extract the .zip
- Place it in your MSYS/MinGW home directory
- You will have a directory named 'IST1' that contains all the required files.
- Re-name the directory using your username e.g. 'ell17xyz'

## During the test

- Launch 'MinGW/MSYS' and change to the directory using **cd**
- The only files you need to modify are the .cpp files
- Do not modify any function declarations etc.
- For each question, implement the code as described in the API (in the .h) for each function
- Compile the code using the make file and specifying the question number e.g.

```
make q1
```

- This will create an executable that can be run as follows

```
./q1.exe
```

- The code will run and display some results in the terminal. You are advised to add more tests to `qX_main.cpp` in order to more thoroughly test your code.

## After the test

- Save your files.
- Remove the .exe by running

```
make clean
```

- The directory will be collected for grading.