# Setup:

To use this generator, you must manually configure settings, students and house jobs. These are all configured in the data.yml file so open that with any text viewer and continue. First, note that when changing entries, you **must** be very conscious about spacing. Indents are made up of two spaces and failure to comply with the formatting will cause the program to fail.

## Settings:

### Exemptions:

A list-type field giving all the week-days that day students are exempt from house jobs & prefect duty. You can add as many or as few as you want but every entry must be a day of the week beginning with a capital letter. Each new entry should be placed on a new line, indented properly and preceded with a dash-space (- ). To make list-type entries empty (no exemptions in this case), simply put an opening and closing square bracket on the same line as the field (so it would look like “Exemptions: []”).

### House Jobs:

This is a boolean field. Valid entries are “true” and “false” (yes and no, respectively). If true, day students will receive house jobs. This does not apply to prefect duty.

### Seed:

If this number is positive (greater than zero), it will be used as a seed for randomizing allocations. Otherwise, a random seed will be used. What this means is that providing this with a large number will result in the same generation every time the program is run, otherwise it will be randomized every time.

### Weeks:

This is simply the number of weeks the program should generate for when it is run.

## Students:

Before entering your own information in, examine the default file. Students can be added by copying the existing format and changing the data. Each field is rather straight-forwards apart from the exemptions field which is outlined above.

## House Jobs:

Below the student entries are the house job entries. Capacity is simply the number of people that should have this house job at the same time and the grades entry is simply another list of all the grades that should be able to receive this job. There **must** be a job named “Prefect” otherwise the program will fail.

# Usage:

Once configured, simply double click Duty.jar to run it. This requires Java SE. It will automatically create the necessary folders and files and once completed will automatically terminate. If it does not work, you can run the program in the Windows console (open a console window, navigate to the project folder and type “java –jar Duty.jar”) to troubleshoot, otherwise examine your data.yml file for formatting problems.