ETC5242 Assignment 1

Group 42

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REMEMBER TO ADD STUDENT E-MAIL ABOVE^ (remove this line once done)

```r
library(tidyverse)
grades <- read_csv("data/GradesData.csv")
```

Task 1 - fit a distribution [30 marks]

The lecturer wants to examine "genuine" (non-zero) attempts only. Check and modify the data (if necessary) to ensure that only genuine attempts are analysed. [1 mark]

```r
grades <- grades %>%
  filter(Total != 0)
```

Traditionally Normal distributions have been used to model grade distributions. Plot your data and explain whether you think that this is good idea in this instance. [3 marks]

Task 2 - Are Postgrad students better? [30 marks]

Task 3 - Bayesian Analysis [33 marks]