# COMP500 / ENSE501: Week 11 – Exercise:

**EXERCISE NAME:** *Read in Binary Structure*

Write a program that can read in a binary file.

The file **creditcards.bin** contains the details of twelve credit cards.

The data is for each credit card is laid out as follows:

| Member: | Size: |
|---|---|
| Brand | 19 characters |
| Issuer ID | 6 characters |
| Account Number | 9 characters |
| Check Digit | 1 character |
| Month | 2 characters |
| Year | 2 characters |

For each member, you will need to ensure there is an additional space in each character array to store the null character terminator.

Read in the twelve credit cards, and print them out in the following format, the following is the first credit card in the file:

```
MasterCard 5427-0136-5259-2210 03/18
```

Ensure the program output is exactly as described, and that the whitespace of your source code is well formatted.