

CSV file attached contain the following details:

|  |  |  |
| --- | --- | --- |
| Bank | Card number | Expiry date |
| HSBC Canada | 5601-2345-3446-5678 | Nov-2017 |
| Royal Bank of Canada | 4519-4532-4524-2456 | Oct-2017 |
| American Express | 3786-7334-8965-345 | Dec-2018 |

Write a programme that read the data from the supplied CSV file and output the data based on the criteria provided below:

1. Sort the data by Expiry date in descending order
2. Each card number must be masked to below:

|  |  |  |
| --- | --- | --- |
| Bank | Card number | Masked card number |
| HSBC Canada | 5601-2345-3446-5678 | 56xx-xxxx-xxxx-xxxx |
| Royal Bank of Canada | 4519-4532-4524-2456 | 4519-xxxx-xxxx-xxxx |
| American Express | 3786-7334-8965-345 | xxxx-xxxx-xxxx-345 |

**Please use the CSV file supplied.**

**You must use test driven development approach when solving this problem.**

**You must consider code reusability when solving this problem.**

Your code should be uploaded to Git.