# CSE2031 Software Tools – Lab Exercise
## July 13, 2010

Copy file test.prn to your working directory using following command:

```
cp /cs/dept/www/course_archive/2009-10/S/2031/lab/test.prn <YOUR_DIR>
```

## 1    AWK script – simple filtering

Write an AWK script that will take the file test.prn and find all lines that have Amount>999 and print Name, Surname, City and Amount.

Print result with a header

## 2    Calculations

Extend the script from the previous exercise adding a Total, which is a sum of printed amounts, at the end of the result.

## 3    Regular expressions

Remove from the output of previous script the first line that begins with #
Find all lines that has State = New York (NY), North Carolina (NC), Nebraska (NE) or New Jersey (NJ), and Amount>999