Coursework for 7CCSMSEN

This coursework is worth 10% and is due on 1 December at 16:00. You are asked to fill in the access control matrix below giving the correct access rights. You have to submit your answers at KEATS. You can submit your answers in a txt-file or as pdf.

Disclaimer

It should be understood that the work you submit represents your **own** effort! You are not supposed to work in groups and have not copied any solution from anyone else.

Task

A Unix directory might look as follows:

```
$ ls -ld . * */*
drwxr-xr-x 1 ping staff      32768 Apr  2 2010 .
-rw----r-- 1 ping students  31359 Jul 24 2011 manual.txt
-r--rw--w- 1 bob  students   4359 Jul 24 2011 report.txt
-rwsr--r-x 1 bob  students 141359 Jun  1 2013 microedit
dr--r-xr-x 1 bob  staff      32768 Jul 23 2011 src
-rw-r--r-- 1 bob  staff      81359 Feb 28 2012 src/code.c
-r--rw---- 1 emma students    959 Jan 23 2012 src/code.h
```

with group memberships assigned as follows:

> Members of group staff: `ping, bob, emma`
> Members of group students: `emma`

The file `microedit` is a text editor, which allows its users to open, edit and save files. Note carefully that microedit has set its **setuid bit**. Fill in the access control matrix below that shows for each of the above five files, whether `ping`, `bob`, or `emma` are able to read (R) or replace (W) its contents using the editor microedit.

	manual.txt	report.txt	microedit	src/code.c	src/code.h
ping					
bob					
emma					

For help about how to fill in the access control matrix, see additional hints uploaded to KEATS.