

# ***MOSS Deadlock Simulator***

## ***Lab Work 2***

1. Try running the deadlock simulator using the following command:

```
java deadlock a 2 2
```

Explain why a deadlock does *not* occur. (10 pt)

2. There are two additional process command files ("b0.dat" and "b1.dat") in the distribution. Run the deadlock simulator with this command:

```
java deadlock b 2 1 1
```

What happens?

Now try this.

```
java deadlock b 2 1 2
```

Why does the first command result in a deadlock but the second does not? Explain your answer in terms of what is going on in the process command files, b0.dat and b1.dat. (20 pt)