

OS: Mac
IDE: Eclipse, Sublime 3
Compiler: g++

Process steps:

1. Initial setting – Set maxRows and maxCols.
2. Compile with g++ (g++ pset1.cpp -o main.out).
3. Execute main.out (./main.out).
4. Enter matrix (row by row), matrix will prompt out.
5. Decide "reused" parameter (Y/N).
6. Enter pattern.
7. If pattern found, answer will be shown. Otherwise, show "no match".
8. Replay or not (will go to step (5) if choose yes, otherwise, close program).

Ex:

```
g++ *.cpp -o main.out
./main.out
```

```
Row: 1 > adbde
Row: 2 > dbcbe
Row: 3 > deadc
Row: 4 > bddbd
Row: 5 > cedcb
```

[Your matrix]

=====

```
a d b d e
d b c b e
d e a d c
b d d b d
c e d c b
```

=====

Do you want element to be reused? (Y/N)

> y

===== You can reuse element! =====

Enter check pattern

> acbea

(2,2) (1,2) (1,1) (2,1) (2,2)

Replay? (Y/N)

> y

=====

Do you want element to be reused? (Y/N)

> n

===== You can't reuse element! =====

```
Enter check pattern
> acbea
no match
Replay? (Y/N)
> n
=====
Shut down
```