

## 1 Programming Exercise 1

- Turning off the “Echo”
- Row Indices and Accessing Rows
- For loops
- The tranpose operator
- Matrix Multiplication

```
Update = 0;
for i=1:m,
    Update = Update + alpha/m * (theta' * X(i,:) - y(i)) * X(i,:);
end

theta = theta - Update;
```