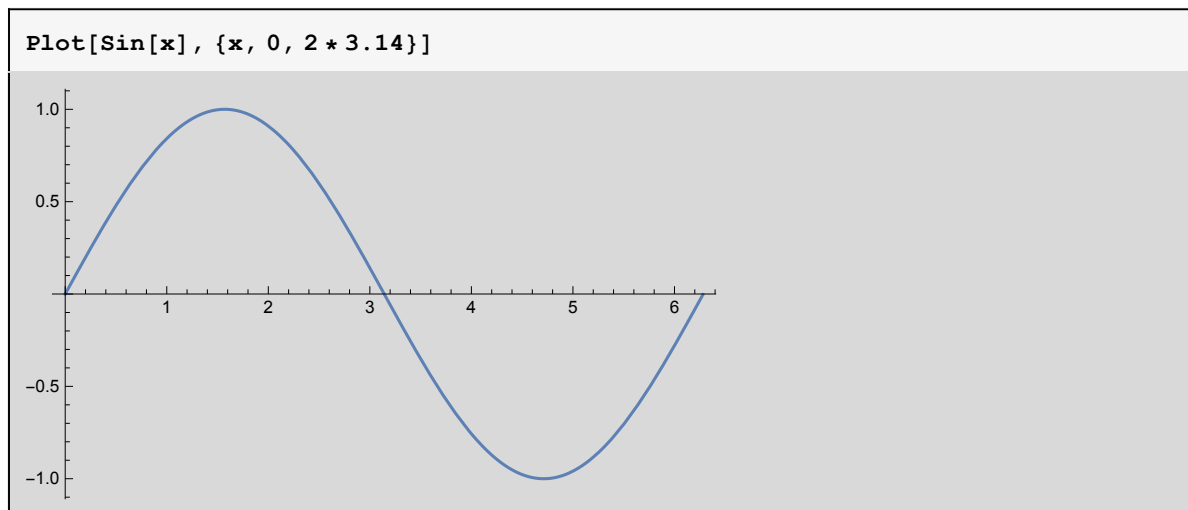


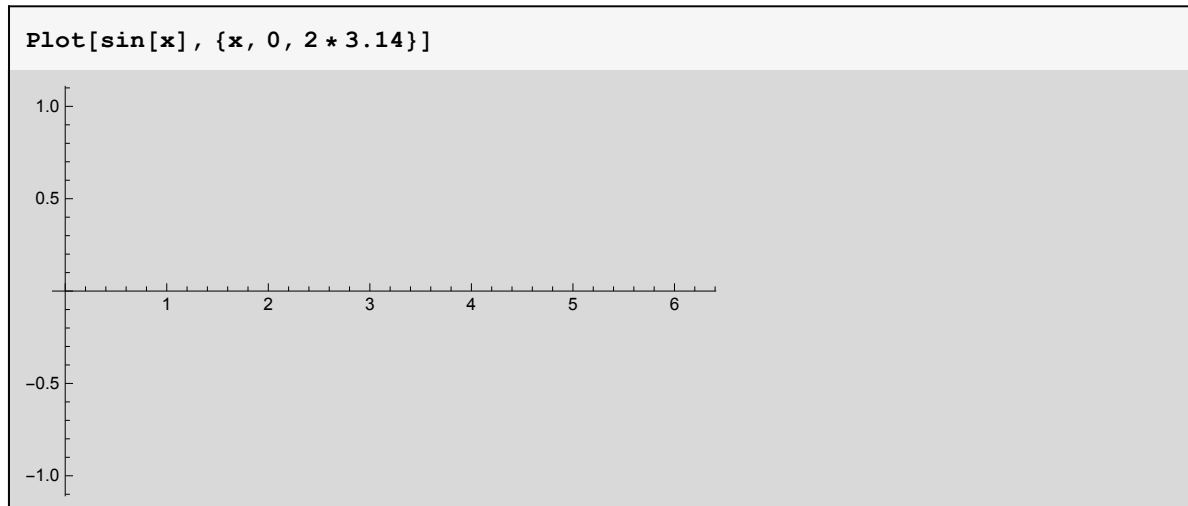
Week 2 - Plotting Graphs

Introduction



```
Plot[]
```

```
Plot[function, range]
```



Common Mistakes

```
Plot[Sin[x], (x, 0, 2 * 3.14)]
```

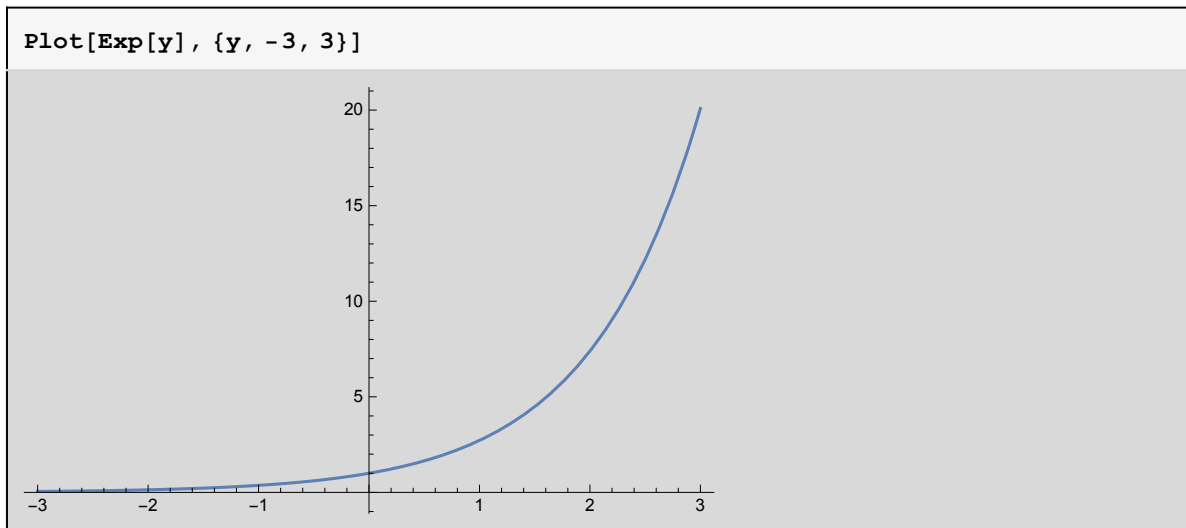
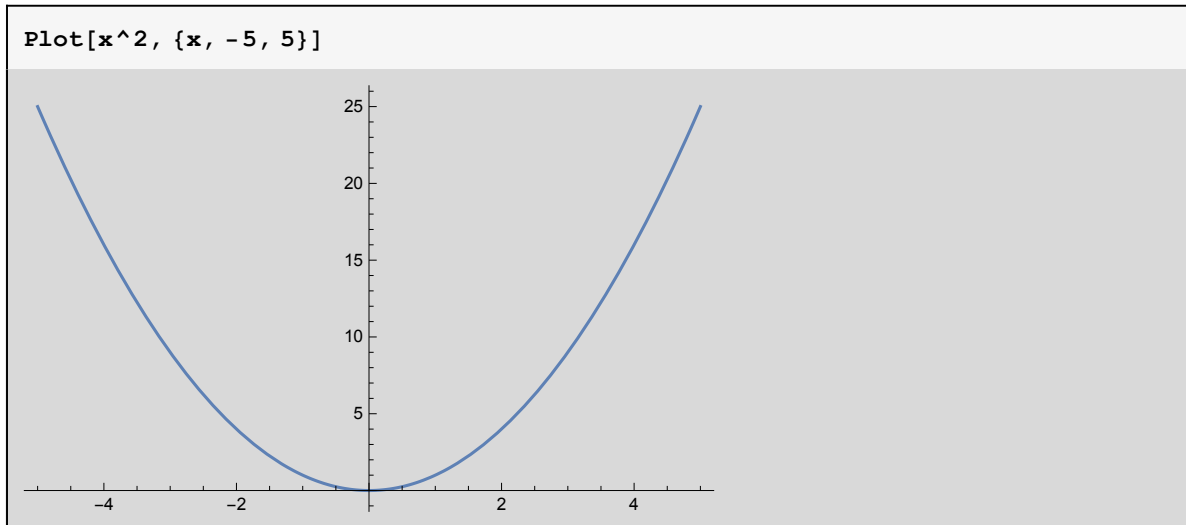


```
Plot[Sin[x], {0, 2 * 3.14}]
```

Plot::plim: Range specification {0, 2 * 3.14} is not of the form {x, xmin, xmax}. >>

```
Plot[Sin[x], {0, 2 * 3.14}]
```

Examples



Summary

1. I need to capitalise my functions, e.g. Plot[] and Sin[]
2. When I use a function I need to use square brackets to enclose the arguments
3. I press 'shift' and 'enter' at the same time to evaluate a cell
4. The Plot function has the form Plot[function, range]. For example if the function depends on x then it looks like, Plot[function[x], {x, xmin, xmax}]