## STA237 - Tutorial 2

```
1. (a) func1a = function(x, n) \{
        output = 1
        for (i in 1:n){
          output = output * x
          cat(format(i, width=6), format(output, width=10), "\n", sep="")
        return(output)
   (b) func1b = function(x,y) {
        return(x + y)
   (c) func1c = function(n) {
        return(prod(1:n))
2. func2 = function(n) {
    if(n == 0) {
      return(1)
    else {
      return(n * func2(n-1))
    }
```