Exercise 1

```
for(i in 1:9)
{
    if (i == 9)
    {
        cat("*")
    }

    cat("\n")
}
```

```
##
##
##
##
##
##
##
##
## *
```

Exercise 2

```
for(i in 1:10)
{
    cat("*")

    if (i < 10)
    {
        cat("&")
    }
}
```

```
## *&*&*&*&*&*&*&*&*&*
```

Exercise 3

Variable	Start Value	End Value
dogs	10	15
meatloaf	0	-30
bubbles	12	-4

Exercise 4

```r
years <- c( 2015, 2016, 2018, 2020, 2021)
for(ii in 1:length(years))
{
    if(years[ii] %% 2 == 0)
    {
        cat(years[ii], 'Hooray, congressional elections!', sep = '\t', fill = T)
    }

    if(years[ii] %% 4 == 0)
    {
        cat(years[ii], 'Hooray, presidential elections!', sep = '\t', fill = T)
    }
}
```

```
## 2016 Hooray, congressional elections!
## 2016 Hooray, presidential elections!
## 2018 Hooray, congressional elections!
## 2020 Hooray, congressional elections!
## 2020 Hooray, presidential elections!
```