

R version 3.4.3 (2017-11-30) -- "Kite-Eating Tree"
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Platform: x86_64-apple-darwin15.6.0 (64-bit)

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Natural language support but running in an English locale

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Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

[R.app GUI 1.70 (7463) x86_64-apple-darwin15.6.0]

[History restored from /Users/smecham/.Rapp.history]

```
> # EPID 674.002 HW 1 | Stephanie Mecham
```

```
>
```

```
> #Problem 1
```

```
>
```

```
> #Part 1
```

```
> c<-100
```

```
> f<-(9/5)*c + 32
```

```
> f
```

```
[1] 212
```

```
>
```

```
> #Part 2
```

```
> f<-52
```

```
> c<-(f-32)*(5/9)
```

```
> c
```

```
[1] 11.11111
```

```
>
```

```
>
```

```
> #Problem 2
```

```
>
```

```
> x<-seq(2,20, by=2.0)
```

```
> x
```

```
[1] 2 4 6 8 10 12 14 16 18 20
```

```
> y<-seq(1,10)
```

```
> y
```

```
[1] 1 2 3 4 5 6 7 8 9 10
```

```
> x+y
```

```
[1] 3 6 9 12 15 18 21 24 27 30
```

```
> x-y
[1] 1 2 3 4 5 6 7 8 9 10
> x*y
[1] 2 8 18 32 50 72 98 128 162 200
> x/y
[1] 2 2 2 2 2 2 2 2 2 2
>
>
> #Problem 3
>
> x<-(1:100)
> sum (x^2)
[1] 338350
>
> #End of code
>
```