

## Week I Homework

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### 1. Open the Help REPL and find out what the following functions do:

- `using`
- `println`
- `max`
- `min`
- `sum`
- `//`
- `floor`
- `ceil`
- `sqrt`
- `readline`
- `NaN`
- `abs`
- `round`
- `rand`

### 2. Using the Julia REPL, find the value of $x$ :

$$x = \left(\frac{9 * 17}{13}\right)^4 - 6000\pi$$

### 3. Using the package REPL, install the following packages:

- `Plots`
- `CSV`
- `DataFrames`
- `Statistics`
- `StatsBase`
- `StatsFuns`
- `Random`
- `DelimitedFiles`
- `PyCall`
- `MAT`
- `RCall`

### 4. Sign up to Julia Discourse (Optional).