- Example:

```
ravenduong@Ravens-MacBook-Pro Downloads % ghci
[GHCi, version 8.10.7: https://www.haskell.org/ghc/  :? for help
Prelude> :l Assignment6.hs
[[1 of 1] Compiling Main             ( Assignment6.hs, interpreted )
Ok, one module loaded.
*Main> replicate 3 True
[[True,True,True]
*Main> perfects 500
[6,28,496]
*Main> positions 0 [1,0,0,1,0,1,1,0]
[1,2,4,7]
*Main> scalarproduct [1,2,3] [4,5,6]
[32
*Main> ▮
```

- Test case:

```
*Main> replicate 5 "test code"
[["test code","test code","test code","test code","test code"]
*Main> perfects 9000
[6,28,496,8128]
*Main> positions 1 [1,0,0,1,0,1,1,0]
[0,3,5,6]
*Main> scalarproduct [-1,2,3] [-4,-5,6]
[12
*Main> ▮
```