Loading your Haskell script in ghci

1. At first open your choice of editor such as Notepad++ / Sublime etc. Then create a new file, write your Haskell code on that file and save that file with .hs extension. For example, I am writing this code:

```
double x = x+x
```

Then I am saving this file as double.hs

2. Open your ghci from your terminal/command prompt by typing ghci.

```
C:\Users\Anandi>ghci
GHCi, version 8.0.1: http://www.haskell.org/ghc/  :? for help
Prelude>
```

3. Now, you can run all the built-in functions from here. Such as:

```
C:\Users\Anandi>ghci
GHCi, version 8.0.1: http://www.haskell.org/ghc/  :? for help
Prelude> length [1,2,3,4,9]
5
Prelude> drop 2 [4,7,8,9]
[8,9]
Prelude>
```

4. The next step is to load your Haskell script such as double.hs script on ghci. You have to specify the directory first to load your double.hs file. For example, I saved my double.hs file in Desktop. Therefore, I am specifying the directory by using cd command first. Then you can load your script by using the load command. Below is an example for Windows:

```
Prelude> :cd Desktop
Prelude> :load double
[1 of 1] Compiling Main                ( double.hs, interpreted )
Ok, modules loaded: Main.
*Main> double 6
12
*Main>
```

The double.hs script has been loaded to the ghci now. We can use the double function just like other built-in functions like length, drop etc.

Below is an example for Mac users:

```
[main-10-230-41-121:TA314 Alan$ ghci
GHCi, version 8.2.2: http://www.haskell.org/ghc/   :? for help
[Prelude> :cd code-examples/
[Prelude> :load double
 [1 of 1] Compiling Main                    ( double.hs, interpreted )
Ok, one module loaded.
[*Main> double 4
 8
*Main> ▯
```