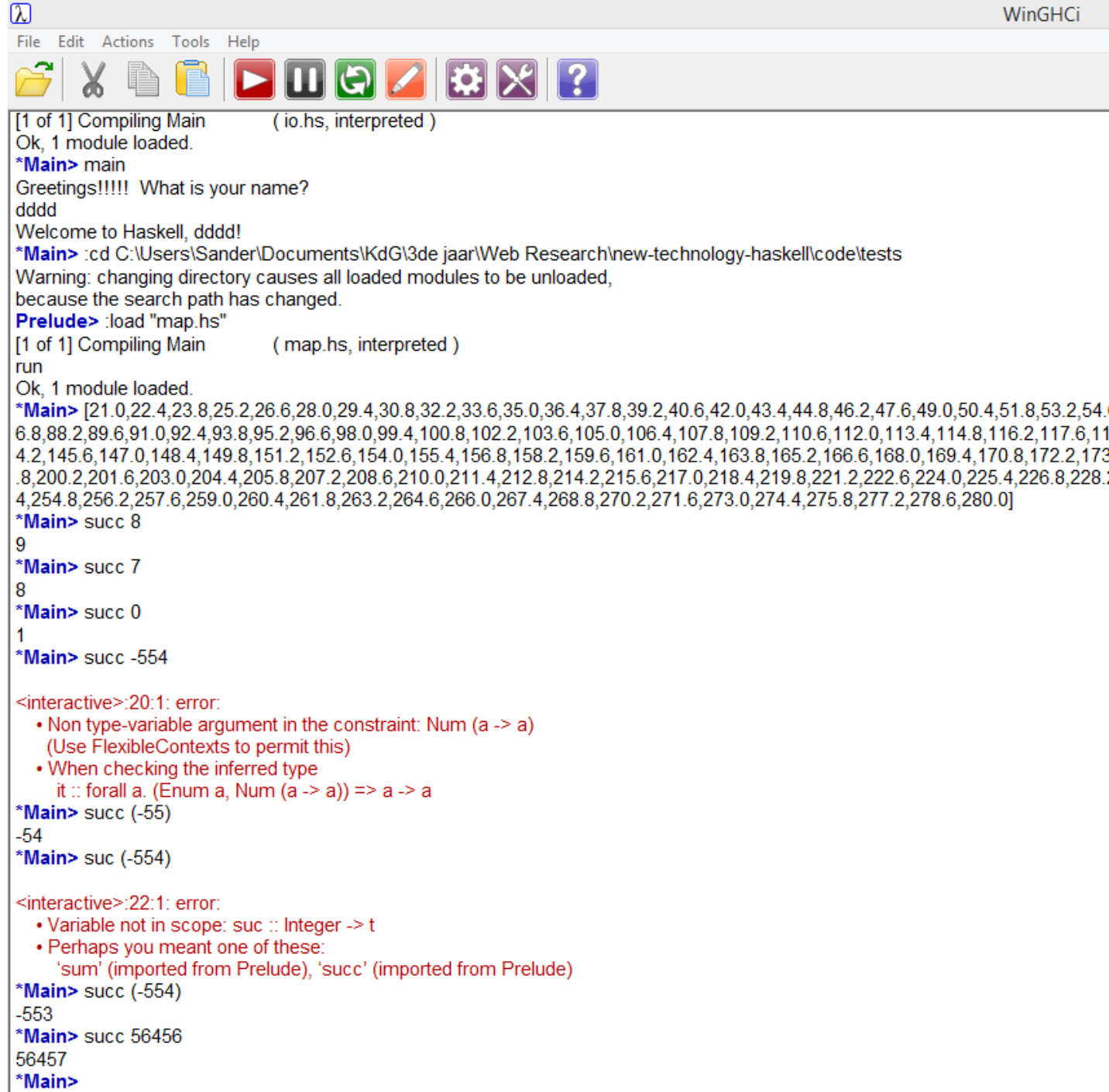


Haskell



GHCi

- Compiler
- WinGHCi



The screenshot shows the WinGHCi application window. The title bar at the top reads "WinGHCi". Below the title bar is a menu bar with "File", "Edit", "Actions", "Tools", and "Help". Underneath the menu bar is a toolbar containing icons for file operations (like open, save, copy, paste) and execution (run, stop, refresh, settings, and help). The main text area displays the following text:

```
[1 of 1] Compiling Main          ( io.hs, interpreted )
Ok, 1 module loaded.
*Main> main
Greetings!!!! What is your name?
dddd
Welcome to Haskell, dddd!
*Main> :cd C:\Users\Sander\Documents\KdG\3de jaar\Web Research\new-technology-haskell\code\tests
Warning: changing directory causes all loaded modules to be unloaded,
because the search path has changed.
Prelude> :load "map.hs"
[1 of 1] Compiling Main          ( map.hs, interpreted )
run
Ok, 1 module loaded.
*Main> [21.0,22.4,23.8,25.2,26.6,28.0,29.4,30.8,32.2,33.6,35.0,36.4,37.8,39.2,40.6,42.0,43.4,44.8,46.2,47.6,49.0,50.4,51.8,53.2,54.6,56.0,57.4,58.8,60.2,61.6,63.0,64.4,65.8,67.2,68.6,70.0,71.4,72.8,74.2,75.6,77.0,78.4,79.8,81.2,82.6,84.0,85.4,86.8,88.2,89.6,91.0,92.4,93.8,95.2,96.6,98.0,99.4,100.8,102.2,103.6,105.0,106.4,107.8,109.2,110.6,112.0,113.4,114.8,116.2,117.6,119.0,120.4,121.8,123.2,124.6,126.0,127.4,128.8,130.2,131.6,133.0,134.4,135.8,137.2,138.6,140.0,141.4,142.8,144.2,145.6,147.0,148.4,149.8,151.2,152.6,154.0,155.4,156.8,158.2,159.6,161.0,162.4,163.8,165.2,166.6,168.0,169.4,170.8,172.2,173.6,175.0,176.4,177.8,179.2,180.6,182.0,183.4,184.8,186.2,187.6,189.0,190.4,191.8,193.2,194.6,196.0,197.4,198.8,200.2,201.6,203.0,204.4,205.8,207.2,208.6,210.0,211.4,212.8,214.2,215.6,217.0,218.4,219.8,221.2,222.6,224.0,225.4,226.8,228.2,229.6,231.0,232.4,233.8,235.2,236.6,238.0,239.4,240.8,242.2,243.6,245.0,246.4,247.8,249.2,250.6,252.0,253.4,254.8,256.2,257.6,259.0,260.4,261.8,263.2,264.6,266.0,267.4,268.8,270.2,271.6,273.0,274.4,275.8,277.2,278.6,280.0]
*Main> succ 8
9
*Main> succ 7
8
*Main> succ 0
1
*Main> succ -554
<interactive>:20:1: error:
• Non type-variable argument in the constraint: Num (a -> a)
  (Use FlexibleContexts to permit this)
• When checking the inferred type
  it :: forall a. (Enum a, Num (a -> a)) => a -> a
*Main> succ (-55)
-54
*Main> suc (-554)
<interactive>:22:1: error:
• Variable not in scope: suc :: Integer -> t
• Perhaps you meant one of these:
  'sum' (imported from Prelude), 'succ' (imported from Prelude)
*Main> succ (-554)
-553
*Main> succ 56456
56457
*Main>
```

Functies

- Function application
- Infix function
- Geen volgorde
- Niet beginnen met hoofdletter
- Teken ‘

Condities

- If.. Then..
- Else verplicht

Lists

- Arrays
- Strings
- ++
- :
- !!
- Vergelijken
- Texas ranges
- List comprehension

Tuples

- Verschillende types
- Elke grootte ander type
- List comprehension

Hulpmiddelen

- Stack
- Cabal
- Hackage
- Haddock
- ...

Frameworks

- Happstack
- Snap
- Yesod
- Scotty
- ...

IDEs

- Extensies
- Leksah

