> **Definition :** `$ stack setup`
>
> The `setup` command determines what version of GHC you need based on the LTS snapshot specified in the `stack.yaml`.

```
executable hello
-- hello: the name of the binary or executable file
  hs-source-dirs:      exe
-- exe: where to look for souce code (exe is a sub-directory)
  main-is:             Main.hs
-- execution of this binary begin by looking for a main function inside
-- a file named Main.hs with module Main
-- Only 1 Main in hs-source-dirs.
  default-language:    Haskell2010
-- just boilerplate
  build-depends:       base ≥ 4.7 && < 5
```

Executables are applications that the operating system will run directly, while software libraries are code arranged in a manner so that they can be reused by the compiler in the building of other libraries and programs. `a`