Module System -Crates and Modules

How to organize Code

- Crate: Tree of modules producing a library or executable.
- Crate Root is source file that Rust compiler starts from to make up root module of crate
 - Binary Crates Crate Root: src/main.rs
 - Library Crates Crate Root: src/lib.rs
- Package: A bundle of one or more crates
- Module: Collection of items like functions, structs, traits and impl blocks
 - The use keyword creates shortcuts to items
- Paths: A way of naming an item to show Rust where to find an item in a module tree
 - Absolute path Full path starting from create root
 - Relative Path Starts from current module (self, super)

How to organize Code

- When declaring a module in crate root (garden module), the compiler looks in these places:
 - Inline
 - In *src/garden.rs*
 - In *src/garden/mod.rs*
- Submodules: Declare mod vegetables in src/garden.rs
 - Inline
 - In src/garden/vegetables.rs
 - In src/garden/vegetables/mod.rs