2. Imperative

Imperative

Describe what is meant by imperative programming paradigm

- A sequence of steps that changes the state of the program
- The steps are in the order they should be carried out
- e.g. procedural programming/language
- Groups code into self-contained blocks // spilt the program into modules
- … which are subroutines
- `--`
- Imperative languages use variables
- … which are changed using assignment statement
- … they rely on a method of repetition/iteration
- Statement provide a sequence of commands for the computer to perform
- … in the order written
- … each line of code changes something in the program run