Hardware and software used in Microcontroller Embedded C Programming: absolute beginners course
Note: The links given in this document are NOT purchase links. They are given just as reference links to explore the components.

HARDWARE

No	Item	Nos	Note	Reference link
1	STM32F407 DISCOVERY board	1	This is the main development board for which drivers are developed.	check here
2	Keypad	1	4x4 matrix Keypad	check here
3	jumper wires		M-M, M-F,F-F;	check here
4	breadboard	1	full or medium size	check here

SOFTWARE

No	Item	Nos	Note	Reference link
1	STM32CUBEIDE		Eclipse based IDE. Provided by ST. Multi OS support (windows/linux/mac)	FREE