Chapter number	Software required (With version)	Free/Proprietary	If proprietary, can code testing be performed using a trial version	If proprietary, then cost of the software	Download links to the software	Hardware specifications	OS required
1	Bitcoin core Electrum client	Free	No	$0	https://bitcoin.org/en/bitcoin-core/ https://electrum.org/	Common Unix machine with 4GB RAM	Ubuntu
2	NodeJs bitcore-lib Eclipse IDE Java 8 Git	free	No	$0	https://nodejs.org/ https://github.com/bitpay/bitcore-lib https://www.eclipse.org/downloads https://www.oracle.com https://git-scm.com/	machine with 4GB RAM	Ubuntu
3	Bower BitcoinJ Python 2.7 Qt Designer Cpuminer Iquidus	Free	No	$0	https://bower.io/ https://bitcoinj.github.io/ https://bitcoinj.github.io/ https://www.qt.io/ https://sourceforge.net/projects/cpuminer https://github.com/iquidus/explorer	machine with 4GB RAM	Ubuntu
4	Remix IDE Ganache geth	Free	No	$0	https://remix.ethereum.org/ https://truffleframework.com/ganache https://geth.ethereum.org/downloads/	machine with 4GB RAM	Ubuntu
5	Truffle	Free	No	$0	https://truffleframework.com/	machine with 4GB RAM	Ubuntu
6	Quorum	Free	No	$0	https://www.jpmorgan.com/global/Quorum	machine with 4GB RAM	Ubuntu
7	Truffle	Free	No	$0	https://truffleframework.com/	machine with 4GB RAM	Ubuntu

8	Trffle	Free	No	$0	`https://truffleframework.com/`	machine with 4GB RAM	Ubuntu
9	IPFS SWARM	Free	No	$0	`https://ipfs.io/` `https://swarm-guide.readthedocs.io`	machine with 4GB RAM	Ubuntu
10	Hyperledger Fabric	Free	No	$0	`https://www.hyperledger.org/projects/fabric`	machine with 4GB RAM	Ubuntu
11	Hyperledger Composer	Free	No	$0	`https://hyperledger.github.io/composer/`	machine with 4GB RAM	Ubuntu