# Software specifications

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| 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 |
| ALL | Windows Hyper-V | Proprietary | Yes | varies | https://www.microsoft.com/en-gb/evalcenter/evaluate-windows-10-enterprise | High spec  Hyper-V host  At least 8 total cores and 32GB of RAM, and 600GB of disk space for all the VMS | Windows 10 |
|  | Windows Server 2022 | Proprietary | Yes | Varies | See the Insiders for the insiders builds, https://www.microsoft.com/en-us/software-download/windowsinsiderpreviewserver  Eventually it should be here:  https://techcommunity.microsoft.com/t5/windows-server-insiders/windows-server-2022-preview-available-on-microsoft-evaluation/m-p/2381310 |  |  |
|  | PowerShell 7 | Open Source | Full version available | free | Various |  | Windows client, windows server |
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# Detailed installation steps (software-wise)

The steps should be listed in a way that it prepares the system environment to be able to test the codes of the book.

1. Windows Hyper-V host (probably windows 10)
   1. Lnstall Windows and add hyper-V
   2. Use the github scripts to create the VMs.
2. PowerShell 7
   1. Follow the instructions in the book.