MS Teams for COM431 > General Channel > Files > Class Materials > Lab Activities

For Weeks 1 – 7 we will use the same VM for all Lab Activities **com431\_lab\_setup**. Your code files should be added to the **public** folder on the Lab or Home PC in **C:\com431\_lab\_setup\app\public** each week and any files we wish to share with you to start the tasks, will be available in the **public** folder on Teams by each Wk:

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| Week | **Lab Session Activities** | **Assignments and Tasks** |
| 1 | Docker Environment + Hello World in PHP | In-Lab short formative questions |
| 2 | Use of Variables, Types and Arrays | In-Lab short formative questions |
| 3 | Control Structures | In-Lab short formative questions |
| 4 | Composer packages: use of - Carbon, Minify, Collections | In-Lab short formative questions |
| 5 | Objects – Card Games | In-Lab short formative questions |
| 6 | dB | In-Lab short formative questions |
| 7 | Testing – PHP Unit / Classes | Formative Test – open for the week |
| 8 | Laravel configuration |  |
| 9 | Worked Example on Notes / Categories | Recreating models and controllers |
| 10 | Packages to make it easier | Making use of Composer and Docker |
| 11 | Automated Testing including headless browser | Creating and running tests |
| 12 | Completing Template Report | **Minimum Viable Product**  **submission** |