# Week 5 | Module Map

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| **Module learning outcomes** | **Week 5: content and activities** | **Where to locate on Learning Central** | **Indicative time commitment** | **Relationship to assessment** |
| 1. Use Python and common modules to implement simple algorithms expressed in pseudocode, and understand fundamental programming concepts  4. Understand and apply basic logic, set theory, counting techniques, probability and statistics | Attend introductory webinar (SMA)  [Join meeting](https://teams.microsoft.com/l/meetup-join/19%3a606814e28a964e0e8b25444f2cf71e1d%40thread.tacv2/1604304655043?context=%7b%22Tid%22%3a%22bdb74b30-9568-4856-bdbf-06759778fcbc%22%2c%22Oid%22%3a%22b69dd9ea-41bf-4b78-bd6b-9b7e4f02b684%22%7d) | Live sessions | 1 hour |  |
| *Learn to play a game* (see introductory webinar) | Learning Material/About the Module | 2 hours |  |
| Watch a series of lecture videos on an introduction to implementing algorithms in Python:  *Easter Algorithm (by 5th Nov)*  *Easter Function (by 5th Nov)*  *Type (by 12th Nov)*  *Local variables (by 12th Nov)* | Learning Material/Finding Easter (also on Learn Plus Recordings) | 2 hours |  |
| Consider questions related to these lecture videos, and submit questions to <https://www.menti.com/nxs8vath78> | 1 hour |  |
| Interactive coding session (SMA)  [Join meeting](https://teams.microsoft.com/l/meetup-join/19%3a606814e28a964e0e8b25444f2cf71e1d%40thread.tacv2/1604304738669?context=%7b%22Tid%22%3a%22bdb74b30-9568-4856-bdbf-06759778fcbc%22%2c%22Oid%22%3a%22b69dd9ea-41bf-4b78-bd6b-9b7e4f02b684%22%7d) | Live sessions | 1 hours |  |
| Watch a series of lecture videos on discrete mathematics (introduction, propositional logic) (JW) | Learn Plus Recordings | 1.5 hours |  |
| Work on exercises on logic (JW) | Learning material | 2 hours |  |
| Check personal coding environment and begin indicated questions on week 5 lab sheet | Learning material | 1 hours | Practice for coursework |
| Exercise Walkthrough Videos (MJWM) | Learn Plus Recordings | 1-2 hours |
| Interactive coding Session (MJWM) | Live session | 1 hour |
| Stuart’s office hours 15:00-16:30 5/11/2020 | | | | |
| Jing’s office hours 16:00-17:30 5/11/2020 | | | | |
| [Drop in sessions 11:00-14:00 every weekday](https://teams.microsoft.com/l/meetup-join/19%3a3dd25b7b4d75424682b1f7469ab91ef8%40thread.tacv2/1601993250954?context=%7b%22Tid%22%3a%22bdb74b30-9568-4856-bdbf-06759778fcbc%22%2c%22Oid%22%3a%224d2c9f13-8a69-4e45-adaf-f4dc57c95898%22%7d) | | | | |
| Feedback on what worked well/not so well this week is appreciated: <https://www.menti.com/ok627mm6r5> | | | | |