Lab10

Some links for the lab in week 10

1. **Storing and retrieving values in non volatile data**
   https://support.microbit.org/support/solutions/articles/19000016212-storing-and-retrieving-values-in-non-volatile-data (https://aus01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fsupport.microbit.org%2Fsupport%2Fsolutions%2Farticles%2F19000016212-storing-and-retrieving-values-in-non-volatile-data&data=02%7C01%7Cron.vanschyndel%40rmit.edu.au%7Cecf25baaecf94b83b72d08d863b06e31%7Cd1323671cdbe4417b4d4bdb24b51316b%7C0%7C0%7C637368956743684469&sdata=qOgJQQU3Fk2Kg465FQ%2Bm3ePkwaZTPKsT7pLP1%2Bu7oPk%3D&reserved=0)
   https://www.linkedin.com/pulse/bbc-microbit-micropython-tips-tricks-ivan-davidov (https://www.linkedin.com/pulse/bbc-microbit-micropython-tips-tricks-ivan-davidov)
   Note that you have to install microfs as per the instructions above. Use "pip install microfs" on the PC command shell.

2. **How to control your microbit remotely**
   First of all, use microfs as per Q1 above. Then add microbitpc.py (https://rmit.instructure.com/courses/67319/files/14841142/download?wrap=1) (https://rmit.instructure.com/courses/67319/files/14841142/download?wrap=1) to the import

3. **How to collect gestures using the built-in accelerometer input sensor**
   https://microbit.org/get-started/user-guide/python/#gestures (https://aus01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fmicrobit.org%2Fget-started%2Fuser-guide%2Fpython%2F%23gestures&data=02%7C01%7Cron.vanschyndel%40rmit.edu.au%7Cecf25baaecf94b83b72d08d863b06e31%7Cd1323671cdbe4417b4d4bdb24b51316b%7C0%7C0%7C637368956743694465&sdata=j8u%2BAmPe9qDJFlv1eeO4%2B6fqQZa%2B6%2FPzS4dRku29dqs%3D&reserved=0)
4. **Sending Serial Data From micro:bit to laptop**
   https://bigl.es/friday-fun-sending-serial-data-from-micro-bit-to-laptop/ (https://aus01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fbigl.es%2Ffriday-fun-sending-serial-data-from-micro-bit-to-laptop%2F&data=02%7C01%7Cron.vanschyndel%40rmit.edu.au%7Cecf25baaecf94b83b72d08d863b06e31%7Cd1323671cdbe4417b4d4bdb24b51316b%7C0%7C0%7C637368956743694465&sdata=A%2BaoRE96akB%2BPi9xvFLCg0liRU9XeY71Npcf9O%2BUkL0%3D&reserved=0)
5. Getting the time on PC.
   Use **W10-lab10a.py (https://rmit.instructure.com/courses/67319/files/14841144/download?wrap=1) (https://rmit.instructure.com/courses/67319/files/14841144/download?wrap=1)**