#LancsBox and large corpora: Maximising the use of #LancsBox

#LancsBox is a powerful desktop system which allows working with small and mid-sized language corpora. The size of the corpus that can be processed with #LancsBox directly depends on how powerful your computer is.
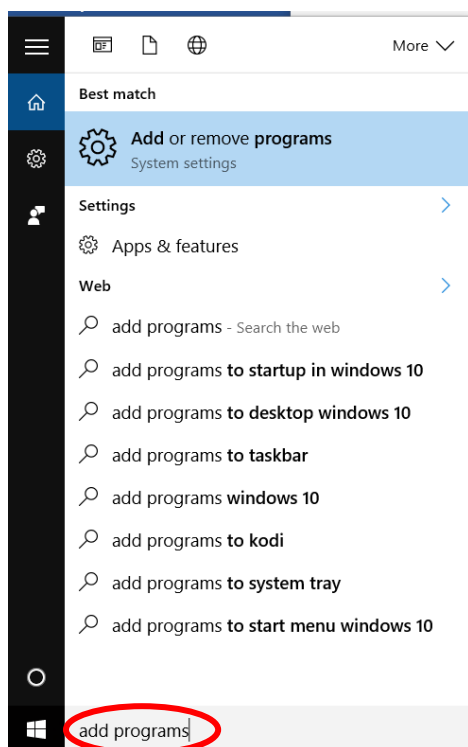
- On most computers, #LancsBox usually performs well with Brown-family-sized corpora, that is one million running words.
- With more powerful computers, #LancsBox is able to process millions of running words (We have tested it with 70 million words).
- If #LancsBox freezes while uploading a corpus, it has run out of the available memory.

The following tips can help you optimise your computer for running #LancsBox with larger or multiple small/mid-sized corpora.
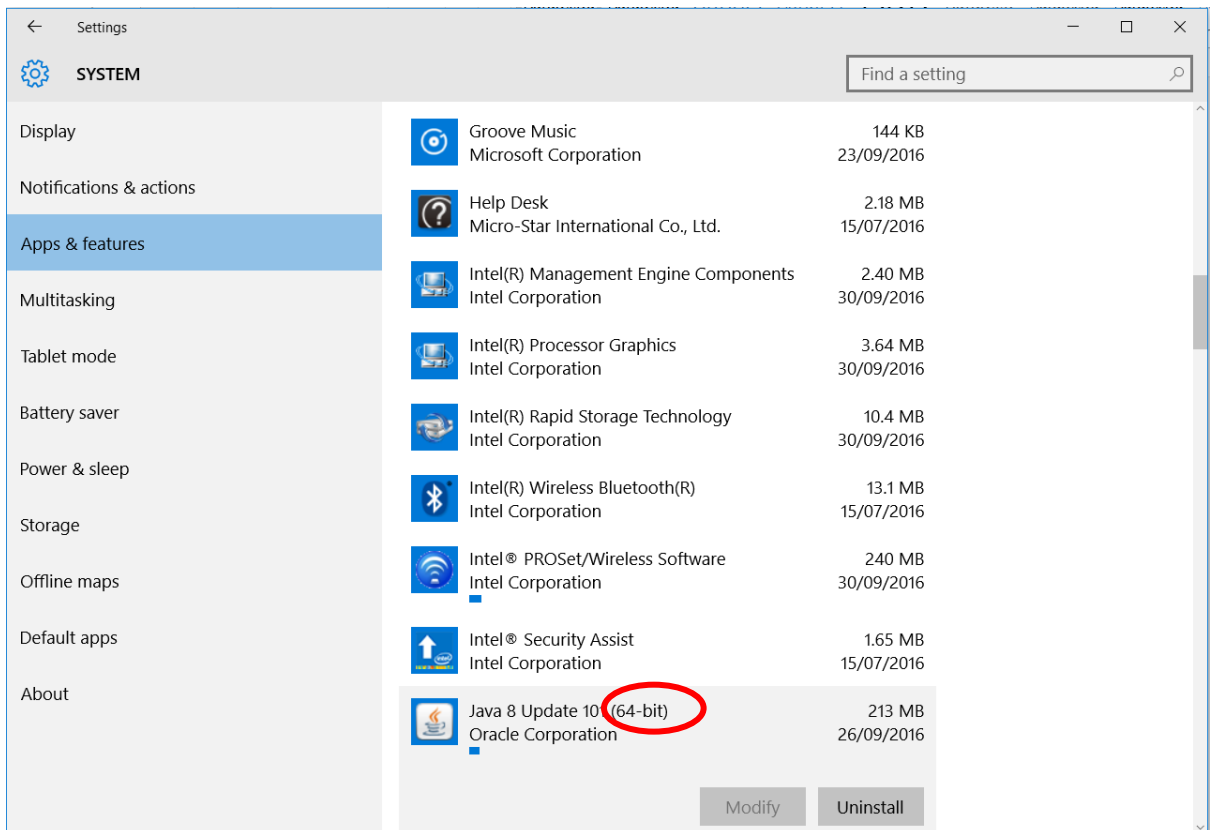
Windows 10

1. **Find out which version of java (32-bit or 64-bit) you are running.**
    a) Type in 'add programs' in the Windows search box and open the 'Add or remove programs' system settings.
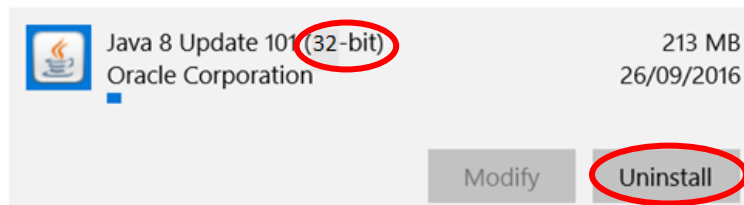

    b) Scroll down to Java to find out if your system is running a 32-bit or a 64-bit version.
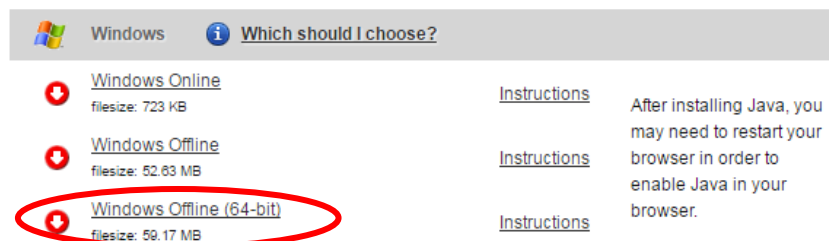
2. **If your computer has the 64-bit version of java installed, you don't have to make any adjustments. You will be able to use the maximum of your computer resources when you run #LancsBox.**

3. **If your computer has the 32-bit version of java installed, uninstall this version by clicking on 'Uninstall'.**

4. **Download and install the 64-bit version of java instead.**
   a) Go to: https://java.com/en/download/manual.jsp
   b) Choose: Windows Offline (64-bit)

   c) Download, run and follow the installation instructions.

5. **Congratulations! You will be able to use the maximum of your computer resources when you run #LancsBox. Now, you need to launch #LancsBox again.**