

Video Recording and Compression Guide

Recording your Video:

If you are unsure which video recording software to use, consider using either the **OBS Studio** or **ScreencastO-Matic** to record the demonstration of your homework submissions. **Note: these are only suggestions. In other words, if you wish to make use of an alternative tool or utility to record the video demonstration you may do so.**

- ✦ Videos recorded with **Screencast-O-Matic** will be **less than 50MB in size**, therefore, **these videos will not need compression**.
- ✦ **Screencast-O-Matic** has a time limit of **15 minutes**. If you need more time than that, you must record separate videos and edit them into one video (**You can use Windows Video Editor as your editing software if needed**).
- ✦ Please ensure everything is running when you start recording the video, to **save time**.
- ✦ When doing the recording, make sure you demonstrate everything required as mentioned in the **Assignment Instructions and the Rubric**.
- ✦ Note, that there is **no "right way"** to do the video demonstration, so long you covered everything specified in the **Assignment Instructions and the Rubric**.

Video Compression:

If your recorded video file is large (**e.g. hundreds of megabytes, or a couple of gigabytes**), consider compressing your video file to save you time and data during uploading. **Further, it might make the upload process less error-prone.**

You can use a free online video compressor <https://www.veed.io/video-compressor>, if your files are large, however, this compressor has a **size limit of 1GB**.

If you are using **OBS Studio**:

- ✦ Please consider setting your frames per second (FPS) to **20 FPS**. **Video demonstrations do not need high FPS, as 20 FPS would be more than sufficient. To do this, in OBS Studio, go to Settings, followed by Video, and change the "Common FPS Value" to "20".**

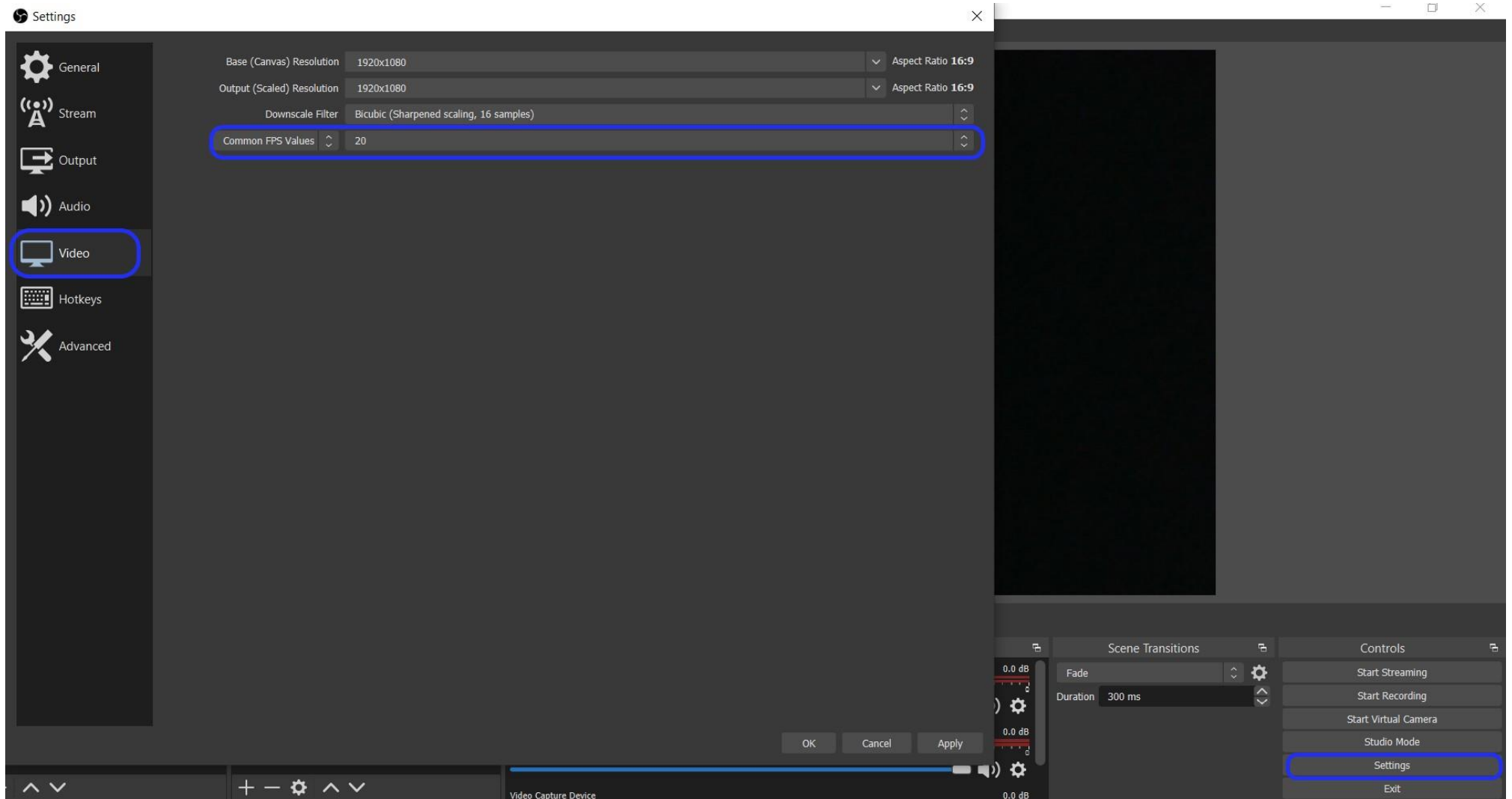


Figure 1: OBS Studio video compression settings.

