

What to expect/prepare for in Assignment 1 Viva

Your grader TA may override this sequence. But consider this default and prepare for it.

- Before your viva slot, please keep a browser window open, a terminal window open, IDEs ready. You can download the testcases and keep them untarred and ready also.
- For viva, screen should be shared and video should be on. **Your viva will be recorded.**
- As soon as, viva session starts (screen is shared, video is on), login in to flamingo and download your code
- Compile and run it. Your grader TA may ask you to turn the trace flag on by editing the input testcase. Do this efficiently by knowing how to quickly edit a simple text file.
- Be ready and **PREPARE** to explain your code nice in the following sequence
 - All the classes, the important member variables and important member methods.
 - Main method in Bridge that processes received config messages, and implements the five rules.
 - Status changes of ports
 - Which config messages to send on which ports
 - Method by which packet transfer is simulated (point out how/where you are advancing time)

Make sure you point out how your logic is truly distributed, and all code that is expected to execute in the bridge processor, is simulated to execute in the bridge. In case you are doing any central logic of the protocol (which in real life would have no place to execute), it is best that you point it out, and do not leave it to the grader TA to conclude/decipher. Your autograded marks will be reduced roughly in proportion to how much of the protocol was centralized.

- **THEORY VIVA in the topic of the assignment:** Your grounding on the topic of this assignment: i.e. the what/why/how of bridges, extended LANs, Spanning Tree protocol, will be verified with few simple questions. This is to check that you are not blindly coding, but understood why bridges do what they do, why STP does what it does, why some other design choices did not win and so on.

The breakdown of marks into these various aspects will be shared after we publish results, after which we will run an evaluation issues round in which you can bring up any concerns. Please note though, that there is always a certain amount of subjectivity in vivas.