



Why Use Open Source Software?

TOTAL POINTS 5

1. From a business perspective, use of OSS (Select all answers that apply):

1 point

- ☒ Enables use of ingredients from other sources and speeds development
- ☐ Lengthens time to market, but is worth it because of improved product
- ☒ Makes marketing easier as some ingredients are already well-known and trusted
- ☐ Makes marketing more difficult because it is hard to differentiate product

2. OSS is (Select all answers that apply):

1 point

- ☒ Can be more secure because many developers can easily see the code, look for problems, and mitigate problems when they are discovered
- ☐ Insecure, as bad actors can easily see the code and hack it
- ☐ Insecure because no one is in charge of security
- ☐ Causes security problems because developers come from different organizations and companies and do not understand each other's code
- ☒ Secure or insecure depending on the quality and priorities of the project maintainers, but at least users can judge this by open discussion and code inspection

3. For school systems at any level, use of OSS (Select all answers that apply):

1 point

- ☐ May cause problems with vendor lock-in
- ☒ Can lower costs by letting low-cost or free software be used
- ☒ Can lower costs by letting older hardware be used
- ☐ Should be avoided, as students become confused by choices

4. School systems can benefit from using OSS because (Select all answers that apply):

1 point

- ☒ As the world's IT infrastructure becomes more and more OSS-based, students will be better prepared to enter the work force especially as developers
- ☐ Applications are flashier and have better integration with social media platforms than do proprietary ones
- ☒ Students may learn how to join projects and contribute from an early age or stage in their education
- ☒ Students can more easily learn about how things really work as compared to using closed source operating systems and applications
- ☐ Making things more difficult to learn at first is giving more real world experience

5. Developers working in OSS will:

1 point

- ☐ Have to spend a lot of useless time cleaning up their code since more eyeballs will see it
- ☐ Will have to spend a lot of time undergoing unnecessary critical review of their code even though they know it is perfect
- ☒ Will often find it easier to get good jobs because their work will be more open to inspection
- ☐ Will often find it harder to get good jobs because employers will not be sure what parts of the project were contributed by the developer candidate

☐ I, **Piyush Sambhi**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.

[Learn more about Coursera's Honor Code](#)



Saving...

Submit

