# Student Survey – Post Content Questions Humanitarian Free and Open Source Software

Version 2.1

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### Introduction

These questions represent the content-specific questions that will be asked of students. A subset of these questions will be inserted in to the Template document to replace the **< Content Likert Question Set Here >**  statement.

These questions have been roughly organized into content areas. Not all questions from a particular content area may be included.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **CS 2 Statements** | **strongly disagree** | **disagree** | **neutral** | **agree** | **strongly agree** | **not applic-able** | **don't know** |
| CS1 | I can describe how HOFSS projects work. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| CS2 | I believe that having good comments in code is important. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| CS3 | I thoroughly comment my code. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| CS4 | I can list the pros and cons of using stacks vs. queues. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| CS5 | I can describe the difference between array based implementations and linked implementations. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| CS6 | I can describe how large scale projects with multiple programmers work are organized and communicate. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| CS7 | I can use version control tools like git. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| CS8 | I believe that it is essential to have good documentation for software. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| CS9 | I understand the importance of thoroughly testing code. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| CS10 | I can test code to ensure that it does what it is supposed to do. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| CS11 | I know how to set up a development environment for a large scale project. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |

|  | **Software Engineering Statements** | **strongly disagree** | **disagree** | **neutral** | **agree** | **strongly agree** | **not applic-able** | **don't know** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SE1 | I am comfortable that I could participate in the planning and development of a real-world software project. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| SE2 | I can list the steps in the software process we used in HFOSS project. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| SE3 | I can use a software process to develop an HFOSS project. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| SE4 | I am sure that I can actively participate in an HFOSS community to develop a software project. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| SE5 | I have gained some confidence in collaborating with professionals from a variety of locations and cultures. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| SE7 | I can describe the impact of project complexity on the approaches used to develop software. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| SE6 | I can describe the impact of project size on the approaches used to develop software. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| SE7 | I am confident that I can maintain an HFOSS project. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| SE8 | I can describe the drawbacks and benefits of FOSS to society. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| SE9 | I can use all tools and techniques employed in my HFOSS project. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| SE10 | I can participate in an HFOSS development team’s interactions. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |
| SE11 | Participation in an HFOSS project has improved my understanding of how to behave like a computing professional. | **1** | **2** | **3** | **4** | **5** | **N/A** | **DK** |