Written Homework #4

CS 162: Introduction to Computer Science

Alves Silva, Otavio Augusto

PSU ID: 902840168

1. **Test plan**

Program #4 will be tested using this test plan:

|  |  |  |
| --- | --- | --- |
| Test Case(s) | Expected Result | Verified Results |
| Enter the student name   * Last name * First name | * Alves Silva * Otavio Augusto |  |
| Enter a valid number of lab class | * 10 |  |
| Enter the number of lecture class | * 10 |  |
| Enter a blank name or an array of characters large than the array size | * Display an error and ask for a valid name. |  |
| Enter a negative number of lab class | * Display an error and ask for a valid number of labs. |  |
| Enter a negative number of lecture class | * Display an error and ask for a valid number of lectures. |  |
| Enter the weekly attendance information | * P or p - Present * M or p - Missed |  |
| Enter a negative weekly attendance information | * Display an error and ask for a valid weekly attendance. |  |
| Function “again()”   * Ask the user if he wants to input more students in the system. | * Y or y – Yes * N or n – No |  |
| Function “again()”   * Ask the user if he wants to continue using the program. | * Y or y – Yes * N or n – No |  |
| Enter a invalid answer for the function “again()” | * Display an error and ask for a valid answer. |  |

**2. Ethics**

Any information that may be posted on a social network must respect the privacy and personal user data that is related to that information. In other words, we should not post photos, documents, texts, or any type of data without proper user authorization because it can affect negatively his life.

Regarding mail forwarding, if we have an email contains a private conversation or information, this should not forward to anyone. Since the email was sent directly to you and perhaps the emissary do not want that others see these information. However, if we have an advertiser or email that does not contain personal information, we can forward to someone without concern. I believe there is no reason not to be redirected, as it doesn't hurt to ethics.