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Software Development

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PROJECT 2 WRITEUP

The write up will give you a detailed explanation of what the program does and how it operates. After reading the write-up the user will be able to recreate the program and even construct their own words with letters.

We are in the month of December Christmas is just around the corner. Not only is Christmas around the corner, but project two is due as well. For the project there is room for creativity so I decided to take initiative and have fun. What exactly is my project about? In this project the user will be prompted to enter their religion. That is the importance of the project itself; however, there is more to that. In my project I will arrange letters into the words: Merry Christmas, Happy Holiday, and Happy Hanukkah.

How will this be accomplished? Since, the project is Java oriented it made the issue much easier. The project was created with the use of "if else statements". The result of using the statements will allow the program to recognize anything that is not within the code. For example, in my code there are different religions: Judaism, Christianity, and anything else; the program will print out something that doesn't exclude other religions. That way there aren't any religion excluded.

The requirements that are necessary to make the program run effectively is more on the user's side. The program will prompt the user to enter their religion that they are involved with. Once the user enters that information the terminal will print-out one of the three results: Merry Christmas, Happy Hanukkah, or Happy holiday. Depending on the religion, of course.

To prevent any flaw with the program watch your capitalization. What I mean by that is that the user has a tendency to write down the first letter, in a word, as a capital letter. Capitalization in this program does not matter. When the program asks the user to input their religion make sure to type in "christianity" "jewish" or any other religion. If the first two inputs are capital the program will not be able to read the word; therefore, the last output will be shown.

There are some examples similar to my program but the connect program has a very unique touch to it. In the textbook there is a java program that arranges letters into the word "Java". The difference is that my program has an interactive part to it. Meaning that there is someone else that can influence the program and can potentially change the result of what gets printed out. There are a variety of ways that you can approach this project, but being that christmas is right around the corner it influenced me in creating the program.

The project was intended to help improve my skills in java specifically focusing on the if else statements. Not only was I able to understand how these statements worked but it allowed me to broaden my horizon on how creativity can influence the way a program is created. Although the project was very simple; there were new ideas that

sparked up because of the simple project. The main point of the program is to tell people, depending on the religion, Happy holidays. That itself can lead new ideas and influence the result of a program. Taking the user into consideration with anything that is being created, will result in a more successful program. If an idea is only one sided it will get nowhere.

Works Cited

- Liang, Daniel Y. 10th ed. Boston: Pearson, 2015. Print.