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Intro to Computer Science II

Bhattacharya

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Written Responses

1. **What did you learn from this assignment that you didn't know before?**
One of the things that I truly grasped from this project is how crippling that debt can be if you do not properly allocate your funds. By strategically paying off a good amount of your house in onset, you can be much better off.
2. **How much more debt did nfl end up paying compared to fl?**
At their peak of debt, fl was in \$261,019 in debt, while nfl was in \$420,687 of debt.
3. **How many more years was nfl in debt compared to fl?**
fl was in debt for 10 years, while nfl was in debt for 14 years
4. **How much more money does fl have at the end of 40 years compared to nfl?**
fl had \$4,053,892, nfl had \$1,080,099
5. **You don't need to test each function to answer this question, but which decision do you think had the greatest effect on the disparity between fl and nfl?**
I think that greatest decision was when fl decided to pay 20% of his mortgage at the onset. By doing this he was able to drastically reduce how much he had to pay of the house price (80%) and nfl had to pay 95%. This compounds on interest every year, something that will really hurt if you don't pay a good amount at the start.
6. **Come up with three life financial decisions (that were not mentioned in this assignment) that a non-financially literate person and a financially literate person might make differently. Specify which person would make which decision.**
1. Someone might put all of their money into one account, instead of splitting across different accounts and vice-versa if they are literate, 2. A financially literate person would research new types of currencies like crypto, while a financially illiterate person would blindly put their money into it by reading fake news, 3. A financially literate person would pay their mortgage using a portion of their salary, while a financially illiterate person would pay their mortgage using money that does not compound with interest, making it harder to pay every year.
7. Plot the wealth of fl and nfl using your favorite graphing software (e.g. Excel).

