

ITI 100 Introduction to Software Development

No Phone No Cashier Coin Calculator

Team Members

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1. Problem

- When Thiagod is doing his math quizzes and homework, he is forbidden from using his phone so it prevents him from cheating. We created a program to help him with completing his homework and quizzes! Say bye to failing and A minuses with No Phone No Cashier coin calculator!
- When Justin and Peter are shopping for their daily snacks, they are unable to calculate on their phones the amount of change that needs to be paid so they are always snackless and drinkless. Unlike a phone that only provides numbers, our program code gives you the amount of change in quarters, dimes, nickels, and pennies!

2. Solution

- We decided to create a coin return calculators that runs through a function that reads the users input, and then divides the amount into either quarter, dimes, nickels, or pennies.

3. Demo

- https://youtu.be/_kQT-2cJ3lg

4. Lessons Learned

- Witting a sufficient code is not that simple.
- Teamwork is crucial.
- There is always room for improvement.

5. Issues/Bugs Known

- Fixed (no pennies were provided)
- Our code either gives all the leftover change into pennies or no pennies at all.

6. Future Versions

- Our project can improve in areas such as adding dollars dollar bills calculator. Such as singles, fives, tens, twenties, hundreds, e.t.c. As well as, having an option what type of coins the user wants to get back. More pennies, dimes, quarters, or nickels.

7. References

- Thaigod
- N/A