1. Below is the result of a case in which Nana Araba invested 500 for four periods. After each period, she deposits 100, and the interest of the total amount is calculated. This case was used to test if the program was running smoothly and confirm that no logic errors were present.

**Results From Program:**

Enter Your Initial Deposit: 500

Enter The Yearly Rate: 28.8845

Enter The Number Of Periods Per Year: 4

Enter The Amount Added In Each Period After First Deposit:100

Enter The Number Of Periods The Investment Would Accure:4

The Total Value Of The Investment is ₵1006.28

The Total Interest is ₵206.28

2. A case in which Nana Araba makes the investment described above for 14 periods

until she graduates in June 2026. When the investment matures in July 2026, what

would be the final value of the investment, and how much interest would she have

made?

**Results From Program:**

Enter Your Initial Deposit:500

Enter The Yearly Rate:28.8845

Enter The Number Of Periods Per Year:4

Enter The Amount Added In Each Period After First Deposit:100

Enter The Number Of Periods The Investment Would Accure:14

The Total Value Of The Investment is ₵3517.78

The Total Interest is ₵1717.78

3. A case in which Nana Araba is able to deposit ¢400 (instead of ¢100) every three

months until her graduation. (She does this by getting a work-study job on campus

for a few hours a week and also saving some of the stipend she earns from summer

internships)

**Results From Program:**

Enter Your Initial Deposit:500

Enter The Yearly Rate:28.8845

Enter The Number Of Periods Per Year:4

Enter The Amount Added In Each Period After First Deposit:400

Enter The Number Of Periods The Investment Would Accure14

The Total Value Of The Investment is ₵10089.90

The Total Interest is ₵4389.90

4. A case where a negative amount is input into the program is also tested to ensure that the program does not accept any negative amount since it is an abnormal value for calculating the total investment value.

**Results From Program:**

Enter Your Initial Deposit:-500

Enter The Yearly Rate:28.8845

Enter The Number Of Periods Per Year:4

Enter The Amount Added In Each Period After First Deposit:100

Enter The Number Of Periods The Investment Would Accure:4

Error! You entered a negative amount.