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| **Input** | **Process** | **Output** |
| 1. User will enter principle amount as the float variable; “Principle”  2. User will enter their interest their interest rate as the float variable; “IntRate”  3. User will enter the total number of years to display as the integer variable; “term” | 1. Create a for loop to allow the accrual of multiple years of interest.  2. Compute the annual interest with the formula: Interest = Principle x IntRate  3. Calculate the end of year balance with the formula: balance = Principle + Interest  4. At the end of the loop, set the principle equal to the end of year balance so that the next year accrues on top of the new value. | 1. Display the accumulated interest for 5 years in a neatly organized table showing the Year, Beginning Balance, and Ending Balance.  2. Under the table, display the total interest earned. |