Strayer University

**uGrade**

Week 10

**Assignment 2**

for the

Course of

### Java programming 1

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By

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**uGrade.**

This assignment was about the program stores the names and grades of person in two parallel arrays. This was new interactive learning management tool called uGrade. It would allow the user to manually enter names and grades. The program would then store this information in parallel arrays. Next, it will prompt the user to sort the date by name or by grade and display the sorted data accordingly in an organized table. This means data entry at position i in both array belongs to each other. Program.

int portfolioNumber;

* String firstName;
* String lastName;
* double accountBalance;
* String accountNumber;
* String bondName;
* double faceValue;
* int numberOfBonds;
* String stockName;
* double stockValue ;
* int numberOfShares;

Then the user can enter the information which will be prompted by the following, System.out.print("Enter student grade >>"); which put the input into the following variable: grade = input.nextInt(). Then the same steps are done for the rest of the following;

* System.out.print("Enter student ’s Last name >>");
  + lastName = input.nextLine();

The data will be stored in the above variables. The following method will be compute,

1. computeSavingsAccount(totalValue, accountBalance, accountNumber, firstName);
2. computeBonds(totalValue, faceValue, numberOfBonds, bondName);
3. computeStocks(totalValue, stockName, numberOfShares, stockValue);

When the program runs, it prompts the user to enter the students last name and their grade Then it computes the total value of the portfolio for each asset which are savings account, stocks, and bonds.

After everything is done, the results will be display at the end of the program after doing the calculationcomputation based on the instruction which are in the method of the programs. And the output is displayed in the screen shot below.

