Dear Students:

Here is some help for the Future Value program.

Remember, your assignment is for javaScript. Based on some student requests, I am going to allow PHP also.

As mentioned in class and demonstrated with the spreadsheet program, you must use the following formula to calculate daily interest.

If you had already finished the program and works well, you can ignore this.

1. Calculate daily interest: Principle \* rate/100/365
2. Add it to the principle (and keep a running total of yearly interest).
3. If it is 30th day add monthly deposit. You can figure out if it is 30th day
   1. if (days %30==0) {principle+=dep;} (and keep a running total of yearly deposit).
4. Go to step 1
5. You would do these three steps for the total number of days (years to retirement \* 365) or create a nested loop, first for years then inner loop for days
   1. for (days = 1; days <=365; days++){
   2. for (days = 1; days <=365; days++){
6. Don’t forget to set yearly interest and yearly deposit to zero, once you have printed for that year. Also you need to figure out when and where to initialize your variables.
7. An additional feature is to create functions and you call them. Here are some of my functions
   1. getdata();
   2. heading(initial, dep, rate, age);
   3. generateTable(initial, deposit, rate, age);
   4. dailyInt(principle, rate)