

## STA Online Computer Programming Contest (DWITE)

### Problem 2

## INVESTMENT CALCULATOR

Your job is to calculate the amount of money at the end of an investment. Investments are made monthly and interest is compounded monthly. The interest is rounded to the nearest penny when it is calculated at the end of each month.

The input file (DATA2) will contain data for five investments. Each investment will have three lines of data: Monthly Investment in Dollars (M), Annual Interest Rate as a Percentage (R), and Length of Investment in Years (L), where  $M > 0$ ,  $R > 0$  and L is an integer  $> 0$ .

The output file (OUT2) will contain five lines of data, each representing the amount of money at the end of each corresponding investment.

### Sample Input (Only two investments given)

```
10.00
12
1
25.00
5.5
10
```

### Sample Output

```
128.11
4005.97
```