

Create a flowchart in Overflow that will calculate the monthly financeCharge and balance of a credit card given the initialBalance, the credit card's APR, the monthlyAmountCharged* to the card, and the monthlyPayment made on the card.

*The montlyAmountCharged is optional for this assignment.

The finance charge (financeCharge) is computed as the accountBalance times the MPR before the month's charges or payments are made.

Your algorithm should produce output like the example below. The algorithm stops computing once the credit card has been paid off (balance less than or equal to 0).

```
Initial balance? 1000
Interest rate?   12.5
Monthly charge? 50
Monthly payment? 250
```

Month	F/C	Balance
1	10.42	810.42
2	8.44	618.86
3	6.45	425.30
4	4.43	229.74
5	2.39	32.13
6	0.33	0.00

Any positive dollar amount, interest rate, monthly charge, or monthly payment may be entered by the user.

* If for some reason the credit card balance cannot be paid off, your algorithm may continue in an "infinite loop". If you prefer you your algorithm may report: "**Card cannot be paid off.**" and not display results.

Turn in your flowchart (CreditCard.flx) on Easel.