

Name: _____

Evaluation 3

Introductory Programming Fall 2005

In the first version of `update.m`, we used scalars `a` and `b` to keep track of the number of cars at A and B. It looked something like this:

```
a = 200
b = 100

for i=1:10
    froma = round(0.03 * a);
    fromb = round(0.05 * b);
    a = a - froma + fromb;
    b = b - fromb + froma;
    fprintf('%f\t%f\n', a, b)
end
```

Write a new version of this script that uses two column vectors, `av` and `bv`, to store the sequences of values for `a` and `b`. You should use `zeros` to create `av` and `bv` before the loop.