

Wednesday, November 9

Name _____

Email _____

6.035 Fall 2016

Miniquiz #24

5 minutes

Describe how to transform each of the following loops so that they are parallelizable.

```
1. int mult = 1;
   for i = 0 to n
     mult = mult * A[i];
```

```
2. for i = 1 to n-1
   for j = 1 to n-1
     A[i,j] = A[i, j-1] + A[i-1, j];
```

```
3. int x = 0;
   for i = 0 to n
     A[i] = x;
     x = x + 3;
```