UT EID: jad5348

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1. Created account using UT system credentials.
2. Show that any of the following modifications to Peterson’s algorithm makes it incorrect:
   1. A process setting the **turn** variable to itself instead of setting it to the other process is incorrect because it allows the other process to successfully request the critical section (**turn ==** **j** isn’t satisfied) while the initial process might still be executing the critical section code. Thus, this breaks the property of mutual exclusion.
   2. A process setting the **turn** variable before setting the **wantCS** variable is incorrect because
3. Show that the bakery algorithm does not work in the absence of choosing variables: