White Box Test #2: Create

1. Code Section Being Tested:

```python
# Creates an account
def create(self, accNum, accName):
1   if accNum not in self.accountsHash:
2       self.accountsHash[accNum] = [0, accName.rstrip(), 1]
```

2. Test Case Analysis

For the create method, the team has decided to use statement coverage. Since there is only one statement plus the if statement, only two mutants need to be created as test inputs.

3. Test Inputs

Test	Statement Deleted	Valid Account (Y/N)	TSF statement
T1a	1	Y	NEW 1234321 000 0000000 Bob #where accNum 1234321 doesn't exist)
T1b	1	N	NEW 1234567 000 0000000 Bob #where accNum 1234567 exists)
T2	2	Y	NEW 1234321 000 0000000 Bob #where accNum 1234321 doesn't exist)

4. Test Results

The following test results were observed from the testing inputs above.

Test	Expected Result	Actual Result	Success (Y/N)	Explanation
T1a	Valid account created and added to VAF/MAF	Account created (as expected)	Y	No changes necessary
T1b	Invalid account still created and added to VAF/MAF	Invalid account created (as expected)	Y	No changes necessary
T2	No change to accountsHash or VAF/MAF	No change (as expected)	Y	No changes necessary

*Note: The testing was done manually, where the TSF statement was manually entered and the results were compared to the expected results by inspection.