

## Error Log and Fixes

### Error 1

- **Issue:**  
The `Main` class was nested inside the `AccountPersonalAcctBusinessAcct` class, leading to a cluttered structure and making the `main` method harder to access.
- **Fix:**  
I moved the `Main` class out of the `AccountPersonalAcctBusinessAcct` class and renamed it to `AccountDemo`. This improved organization and made the `main` method more accessible and easier to manage.

### Error 2

- **Issue:**  
There was no check to prevent over-withdrawing, allowing the balance to go negative without applying penalties correctly.
- **Fix:**  
I added a condition in the `withdraw` method to validate the withdrawal amount before applying penalties. This ensured that penalties were only applied if the withdrawal was valid and the balance did not drop below zero.

### Error 3

- **Issue:**  
Penalty values (\$2 for personal accounts and \$10 for business accounts) were hardcoded directly into the logic, making updates and maintenance more difficult.
- **Fix:**  
I declared constants for penalty values and minimum balances in the respective classes. This made the code easier to maintain, as changes could be made in one place without modifying the logic directly.

### Error 4

- **Issue:**  
The `toString` method was not overridden in any of the classes, which made it difficult to display meaningful account details for debugging or output.
- **Fix:**  
I added a `toString` method in the `Account`, `PersonalAcct`, and `BusinessAcct`

classes. This standardized how account details were displayed, improving both debugging and program output.