**Scenario #3**

**Scenario Description**

* When a player cannot reach betting limit. Even when a placing bet would only take a player to their betting limit, the bet cannot be placed.
* For example, if the player bets $100 with a balance of $150 and a limit of $50, the bet will not go through.

**Hypothesis of problem**

From the results found in the replication and simplification of scenario problem 3, the result of the user not being able to reach the betting limit is caused by the program checking if balance – bet <= betting limit, instead of only < betting limit.

**Location of the problem**

The location of the problem found was in the punter class when the balanceExceedsLimitBy method is called and checks if (balance – bet > limit) instead of (balance – bet >= limit) as if it brings the users balance equal to the limit it needs to allow it to equal the same as limit by being >=.



**Solution/Resolution**

To solve this problem in the program of not allowing the balance to equal betting limit the balanceExceedsLimitBy method in punter needs to be (balance – bet >= limit) to allow for balance to equal the betting limit instead of only being higher than the limit.