# Withdrawal Test Case Generation

The Slice for FinalUse(fee) is the entire function calculateWithdrawalFee. This is because any variable declarations or assignments and conditionals that directly affect fee must be included.

For statement coverage we need test cases that cover each path, since there is only 5 paths 5 test cases should suffice.

The test cases will cover:

Student status: true or false

Day of the week: weekend or weekday

Account balance: less than $1000, between $1000 and $10,000, and $10,000 and more

Tests:

Case 1: {student, weekend, 999}

Case 2: {student, week day, 999}

Case 3: {non student, weekend, 999}

Case 4: {non student, weekend, 1000}

Case 5: {non student, weekend, 10001}

Expected Results:

Case 1: 0.0

Case 2: 0.001

Case 3: 0.002

Case 4: 0.001

Case 5: 0.0