**Testing Documentation**

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| **Test 1** | |
| **Description** | User enters q to quit |
| **Input** | q |
| **Expected Output** | Thank you and quit from the program |
| **Actual Output** | Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  q  Thank You! |

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| **Test 2** | |
| **Description** | User enters Q to quit |
| **Input** | Q |
| **Expected Output** | Thank you and quit from the program |
| **Actual Output** | Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  Q  Thank You! |

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| **Test 3** | |
| **Description** | User wants to deposit |
| **Input** | d, 1200,p,q |
| **Expected Output** | Enter amount,, enter character, print balance, enter character, thank you |
| **Actual Output** | Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  d  Enter the amount value:  1200  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  p  $1,200.00 is your current balance  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  q  Thank You! |

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| **Test 4** | |
| **Description** | User wants to deposit |
| **Input** | D, 2300,p, Q |
| **Expected Output** | Amount, 2300, enter character, print balance, enter character, thank you |
| **Actual Output** | Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  D  Enter the amount value:  2300  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  p  $2,323.00 is your current balance  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  Q  Thank You! |

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| **Test 5** | |
| **Description** | Wants withdrawal |
| **Input** | w, 1000 |
| **Expected Output** | Not possible |
| **Actual Output** | Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  w  Enter the amount value:  1000  \*\*\*WITHDRAWAL NOT POSSIBLE. The balance $0.00, is less than the amount $1,001.50 (including the service charge), you want to withdraw.  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  q  Thank You! |

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| **Test 6** | |
| **Description** | Withdrawal after depositing some money in account |
| **Input** | D, 1800, W, 2000, p, Q |
| **Expected Output** | Enter character, amount, enter character, amount, not possible, enter character, prints balance, enter character, thank you |
| **Actual Output** | Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  D  Enter the amount value:  1800  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  W  Enter the amount value:  2000  \*\*\*WITHDRAWAL NOT POSSIBLE. The balance $1,800.00, is less than the amount $2,001.50 (including the service charge), you want to withdraw.  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  p  $1,800.00 is your current balance  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  Q  Thank You! |

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| **Test 7** | |
| **Description** | Deposit big amount in account and then make withdrawal |
| **Input** | d, 3000, w, 1200, p, q |
| **Expected Output** | Enter character, amount, enter character, amount, enter character, prints balance, enter character, thank you |
| **Actual Output** | Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  d  Enter the amount value:  3000  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  w  Enter the amount value:  1200  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  p  $1,828.50 is your current balance  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  q  Thank You! |

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| **Test 8** | |
| **Description** | Just print balance |
| **Input** | P,Q |
| **Expected Output** | Enter character, prints balance, enter character, thank you |
| **Actual Output** | Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  P  $0.00 is your current balance  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  Q  Thank You! |

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| **Test 9** | |
| **Description** | Enter invalid character |
| **Input** | s, Q |
| **Expected Output** | Enter character, Invalid character, enter character, thank you |
| **Actual Output** | Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  s  \*\*\*Enter valid character!  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  Q  Thank You! |

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| **Test 10** | |
| **Description** | Deposit amount then ask to print balance then withdraw and print balance |
| **Input** | d, 1500, p, w, 1000, P, Q |
| **Expected Output** | Enter character, amount, enter character, prints balance, enter character, amount, enter character, prints balance, thank you |
| **Actual Output** | Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  d  Enter the amount value:  1500  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  p  $1,500.00 is your current balance  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  w  Enter the amount value:  1000  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  P  $498.50 is your current balance  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  Q  Thank You! |

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| **Test 11** | |
| **Description** | Deposit amount then ask to print balance then withdraw and print balance, deposit is more than 2000 |
| **Input** | D, 2500, P, W, 1000, P, Q |
| **Expected Output** | Enter character, amount, enter character, prints balance, enter character, amount, enter character, prints balance, thank you |
| **Actual Output** | Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  D  Enter the amount value:  2500  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  P  $2,525.00 is your current balance  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  W  Enter the amount value:  1000  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  P  $1,523.50 is your current balance  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  Q  Thank You! |

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| **Test 11** | |
| **Description** | Deposit amount then ask to print balance then withdraw and print balance, deposit is more than 2000, withdraw more than money already in balance |
| **Input** | D, 2500, P, W, 3000, P, Q |
| **Expected Output** | Enter character, amount, enter character, prints balance, enter character, amount, not possible, enter character, prints balance, thank you |
| **Actual Output** | Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  D  Enter the amount value:  2500  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  P  $2,525.00 is your current balance  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  W  Enter the amount value:  3000  \*\*\*WITHDRAWAL NOT POSSIBLE. The balance $2,525.00, is less than the amount $3,001.50 (including the service charge), you want to withdraw.  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  P  $2,525.00 is your current balance  Enter 'w/W' to withdraw cash, 'd/D' to deposit cash, 'p/P' to print, 'q/Q' to quit:  Q  Thank You! |