**Deposit** – Added additional validation in currency denomination for non-negative validated against the deposit amount

**Withdraw** – Added additional validation against withdrawal amount is not zero or non-negative and validated amount against available currency denomination

**How to Run the code**

1. Install Java in your machine
2. Download the code in to your machine
3. Open command prompt and change directory to Atm.java folder where it is downloaded
4. Execute below commands to compile and run the code

javac Atm.java

java Atm

**Test execution results:**

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 1

Welcome to deposit screen

Please enter the amount you would like to deposit: 0

Incorrect deposit amount

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 1

Welcome to deposit screen

Please enter the amount you would like to deposit: -1

Incorrect deposit amount

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 1

Welcome to deposit screen

Please enter the amount you would like to deposit: 100

Please enter number of $20's: -1

Please enter number of $10's: 10

Please enter number of $5's: 0

Please enter number of $1's: 0

Incorrect currency

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 1

Welcome to deposit screen

Please enter the amount you would like to deposit: 100

Please enter number of $20's: 5

Please enter number of $10's: 10

Please enter number of $5's: 0

Please enter number of $1's: 0

Incorrect amount or currency

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 1

Welcome to deposit screen

Please enter the amount you would like to deposit: 100

Please enter number of $20's: 2

Please enter number of $10's: 4

Please enter number of $5's: 3

Please enter number of $1's: 5

Amount deposited successfully

Balance: $1's= 5, $20's= 2, $5's= 3, $10's= 4, Total= 100

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 1

Welcome to deposit screen

Please enter the amount you would like to deposit: 25

Please enter number of $20's: 0

Please enter number of $10's: 1

Please enter number of $5's: 2

Please enter number of $1's: 5

Amount deposited successfully

Balance: $1's= 10, $20's= 2, $5's= 5, $10's= 5, Total= 125

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 2

Welcome to withdraw screen

Please enter amount to withdraw: 0

Incorrect or insufficient funds

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 2

Welcome to withdraw screen

Please enter amount to withdraw: -1

Incorrect or insufficient funds

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 2

Welcome to withdraw screen

Please enter amount to withdraw: 126

Incorrect or insufficient funds

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 2

Welcome to withdraw screen

Please enter amount to withdraw: 89

Dispensed: $1's= 4, $20's= 0, $5's= 1, $10's= 4, Total= 89

Please collect the money and card

Balance: $1's= 6, $20's= 0, $5's= 4, $10's= 1, Total= 36

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 2

Welcome to withdraw screen

Please enter amount to withdraw: 9

Dispensed: $1's= 4, $5's= 1, $10's= 0, Total= 9

Please collect the money and card

Balance: $1's= 2, $20's= 0, $5's= 3, $10's= 1, Total= 27

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 2

Welcome to withdraw screen

Please enter amount to withdraw: 8

Requested withdraw amount is not dispensable

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 3

Balance: $1's= 2, $20's= 0, $5's= 3, $10's= 1, Total= 27

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 2

Welcome to withdraw screen

Please enter amount to withdraw: 26

Dispensed: $1's= 1, $5's= 3, $10's= 0, Total= 26

Please collect the money and card

Balance: $1's= 1, $20's= 0, $5's= 0, $10's= 0, Total= 1

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 2

Welcome to withdraw screen

Please enter amount to withdraw: 1

Dispensed: $1's= 1, Total= 1

Please collect the money and card

Balance: $1's= 0, $20's= 0, $5's= 0, $10's= 0, Total= 0

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

: 3

Balance: $1's= 0, $20's= 0, $5's= 0, $10's= 0, Total= 0

\*\*\* Welcome to Oportune ATM machine \*\*\*

Please select your option to proceed

1. Deposit

2. Withdraw

3. Balance

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