**Module-7**

**Assignment-3**

**Code:**

**InvalidBalanceException class:**

**package** Module\_7;

**public** **class** InvalidBalanceException **extends** Exception {

InvalidBalanceException(String s)

{

**super**(s);

}

}

**CustomBalanceException class:**

**package** Module\_7;

**public** **class** CustomBalanceException {

**void** validate(**double** withdrawamount,**double** availablebalance)**throws** InvalidBalanceException

{

**if**(withdrawamount>availablebalance)

{

**throw** **new** InvalidBalanceException("Balance Insufficient for this transaction");

}

**else**

{

System.***out***.println("Transaction Successful");

}

}

}

**CustomBalanceExceptionMain class:**

**package** Module\_7;

**import** java.io.\*;

**public** **class** CustomBalanceExceptionMain {

**public** **static** **void** main(String args[])**throws** IOException

{

InputStreamReader isr=**new** InputStreamReader(System.***in***);

BufferedReader br=**new** BufferedReader(isr);

System.***out***.println("Enter the bank acount number: ");

**long** account = Long.*parseLong*(br.readLine());

System.***out***.println("Enter the available balance in account: ");

**double** availablebalance = Double.*parseDouble*(br.readLine());

System.***out***.println("Enter the withdraw amount: ");

**double** withdrawamount = Double.*parseDouble*(br.readLine());

CustomBalanceException obj = **new** CustomBalanceException();

System.***out***.println("The account number is: "+account);

**try**

{

obj.validate(withdrawamount, availablebalance);

}

**catch**(InvalidBalanceException e)

{

System.***out***.println("Exception Occured"+e);

}

}

}

**Output:**

**Output 1:**

Enter the bank account number:

1234567890

Enter the available balance in account:

10000

Enter the withdraw amount:

20000

The account number is: 1234567890

Exception OccuredModule\_7.InvalidBalanceException: Balance Insufficient for this transaction

**Output 2:**

Enter the bank account number:

9876543210

Enter the available balance in account:

20000

Enter the withdraw amount:

10000

The account number is: 9876543210

Transaction Successful