1. Identify Custom exception handling classes for following systems

-Stock Management System

-Library Management System

-Inventory Management System

1. Stock Management System
   * InsufficientFundsException
   * TradeExecutionException
   * TradingAccountNotFoundException
   * AccountReviewFailedException
   * UnauthorizedAccessException
   * ServerDowntimeException

Library Management System

* ServerDowntimeException
* OverDueException
* MaximumLimitReachedException
* BookRenewalException
* BookIssuerException
* DuplicateRecordFoundException
* UnauthorizedAccessException
* BookNotFoundException

1. Inventory Management System

* OutOfStockException
* InvalidLotSelectionException
* InsufficientLotException
* MachineDownTimeException
* MatrialShortageException
* NoMoreOrdersException
* ServerDowntimeException
* UnauthorizedAccessException

2. Identify 10 checked exception and 10 unchecked exception handling classes in JSE 8.0

**CHECKED EXCEPTIONS**

1. SQLException
2. ClassNotFoundException
3. InstantiationException
4. NoSuchMethodException
5. IllegalAccessException
6. InterruptedException
7. CloneNotSupportedException
8. NoSuchFieldException
9. IOException
10. Exception

**UNCHECKED EXCEPTIONS**

1. ArithmeticException
2. NullPointerException
3. ArrayIndexOutOfBoundsException
4. NumberFormatException
5. InputMismatchException
6. IllegalStateException
7. Missing Resource Exception
8. No Such Element Exception
9. Undeclared Throwable Exception
10. Empty Stack Exception