What is Exception in Java?  
What are the Exception Handling Keywords in Java?  
Explain Java Exception Hierarchy?  
What are important methods of Java Exception Class?  
Explain multi-catch block?  
What is difference between Checked and Unchecked Exception in Java?  
What is difference between throw and throws keyword in Java?  
How to write custom exception in Java?  
What is OutOfMemoryError in Java?  
What are different scenarios causing “Exception in thread main”?  
What is difference between final, finally and finalize in Java?  
What happens when exception is thrown by main method?  
Can we have an empty catch block?  
Provide some Java Exception Handling Best Practices?

What is the problem with below programs and how do we fix it?

Q1. What is an exception?  
  
Q2. What is the purpose of the throw and throws keywords?  
Q3. How can you handle an exception?  
  
Q4. How can you catch multiple exceptions?  
  
Q5. What is the difference between a checked and an unchecked exception?  
Q6. What is the difference between an exception and error?  
  
Q7. What exception will be thrown executing the following code block?  
Q8. What is exception chaining?  
Q9. What is a stacktrace and how does it relate to an exception?  
Q10. Why would you want to subclass an exception?  
Q11. What are some advantages of exceptions?  
Q12. Can you throw any exception inside a lambda expression’s body?  
Q13. What are the rules we need to follow when overriding a method that throws an exception?  
Q14. Is there any way of throwing a checked exception from a method that does not have a throws clause?

**Need to add qns related to try with resources**

1. **Modify the Lab assignment to validate the full name of an employee.**

**Create and throw a user defined exception if firstName and lastName is blank.**

**2) Validate the age of a person and display proper message by using user defined exception. Age of a person should be above 15.**

**3) Create an Exception class named as “EmployeeException”(User defined Exception) in a package named as “com.cg.eis.exception” and throw an exception if salary of an employee is below than 3000. Use Exception Handling mechanism to handle exception properly.**