

Object Oriented Programming – I [3140705]

Question Bank for Mid Sem Exam - II

1. What is an Exception? List out various built-in exceptions in JAVA and explain any one Exception class with suitable example.
2. What is Exception? Demonstrate how you can handle different types of exception separately.
3. What is an Exception? Explain the exception hierarchy. Explain how to throw, catch and handle Exceptions.
4. What is the keyword “throw” used for? What is the keyword “throws” used for?
5. What is an Exception? Explain try, catch and finally with example.

6. Describe abstract class called Shape, which has three subclasses say Triangle, Rectangle, and Circle. Define one method area() in the abstract class and override this area() in these three subclasses to calculate for specific object i.e. area() of Triangle subclass should calculate area of triangle likewise for Rectangle and Circle.
7. Define Interface and explain how it differs from the class.
8. Explain Comparable and Cloneable interface

9. Write importance of JAVAFX compare to AWT and Swing.
10. Enlist various layout panes and explain any two in detail.
11. Explain different layout panes used in JavaFX.
12. Explain in brief: Color class and its methods.
13. Explain about adapter classes and mouse events with an example.
14. Explain mouse and key event handler in JavaFX.
15. Explain following controls
 - 1) text-Area 2) scrollbar 3) checkbox 4) combo-box
16. Explain following classes in JavaFX.
 - 1) Color class 2) font class 3) Image and image view class
17. Explain following controls
 - 1) Checkbox 2) Radio Button 3) Textfield 4) Label