

**Department of Computer Science and Engineering**

**Object Oriented Concepts – 18CS45**

**Assignment 2 Questions**

1. What is type casting in Java? Explain the types and write a program to demonstrate them [KL2-CO2]
2. Write a program to illustrate three dimensional array [KL4-CO2]
3. Write a program to remove the duplicate elements present in an array [KL4-CO2]
4. Write a program to illustrate for loop in Diamond Pattern Program in Java [KL4-CO3]
5. Write a program in Java to display the pattern like right angle triangle with a number. [KL4-Co3]
6. Write a java program to demonstrates the usage of the super keyword[KL3-CO3]
7. Write a java program to demonstrate Java inheritance [KL3-CO3]
8. Explain the various types of inheritance with pictorial representation [KL2-CO3]
9. What are the usage of Java Method Overriding. Write a Java Program to demonstrate the scenario of Java Method Overriding [KL3-CO3]
10. Write a java program to demonstrate final keyword. [KL3-CO3]
11. What are the different java exception keywords available. Write a program to demonstrate exceptions [KL3-CO3]
12. Demonstrate Java finally block with program [KL2-CO3]
13. How to access packages in Java? Write a simple program to demonstrate packages using all the cases [KL3-CO4]
14. Explain java interface with programming Example. [KL2-CO4]