

VIDYA JYOTHI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

II Yr II SEM

OBJECT ORIENTED PROGRAMMING THROUGH JAVA LAB

Week - 1 & 2:

1. Write a program to find total, average of given two numbers by using function with command line arguments, static data members.
2. Write a program to illustrate class and objects.
3. Write a program to illustrate method & constructor overloading.
4. Write a program to illustrate parameter passing using objects.
5. Write a program to illustrate Array Manipulation.

Week - 3:

1. Write a program to illustrate different types of inheritances.
2. Write a java program to illustrate Method overriding.
3. Write a java program to demonstrate the concept of polymorphism (Dynamic Method Dispatch).
4. Write a program to demonstrate final keyword.

Week - 4 & 5:

1. Write a program to illustrate the use of creation of packages.
2. Write a java program to handle the situation of exception handling using multiple catch blocks.
3. Write a program to implement the concept of User defined Exceptions.

Week - 6 & 7:

1. Write a program to illustrate Multithreading and Multitasking.
2. Write a program to illustrate thread priorities.
3. Write a program to illustrate Synchronization

Week - 8 & 9:

1. Write a program to implement String Tokenizer.
2. Write a program to read one line at a time, and write it to another file.

Week - 10 & 11:

1. Write a program to illustrate Event Handling (keyboard, Mouse events)
2. Write a program to illustrate applet life cycle and parameter passing.

Week - 12:

1. Write a program to develop a calculator application using AWT.

Week - 13:

1. Write a program to illustrate JDBC.