



Dr Subhash Technical Campus

Faculty of BCA

Unit1-Assignment-1

1. Explain OOP concepts.
2. What is Array and explain different types of array in java with example.
3. Explain static keyword (method, variable, and block) in java with example.
4. What is constructor? Explain constructor overloading and method overloading with example also differentiate method and constructor.

Practical List:

1. Write a java program to find the frequency of given number.
2. Write a java program to perform matrix multiplication.
3. Write a java program to count the total number of data in each row and count the total number of data in each column.
4. Write a java program to perform transpose of a matrix.
5. Write a java program to print adjacent number of given data from matrix.
6. Write a java program to swap first and last digit of given number.
7. Create a class “Student” that would contain enrollment No, name, and gender and marks as instance variables and count as static variable which stores the count of the objects; constructors and display(). Implement constructors to initialize instance variables.
8. Write a class “circle” with radius as data member and count the number of instances created using default constructor only.
9. Develop console application to guess a word using given clues and else if ladder.