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|  | Explain object oriented principles. |
|  | Describe the meaning of each of the keyword in “public static void main” with simple java program. |
|  | Explain different lexical issues in JAVA. |
|  | Explain different promotion rules in JAVA ( Data Type Conversion rules). |
|  | Give different syntax of array allocation in JAVA. |
|  | Explain different type of integer literals with examples. |
|  | Explain the shift Operators in Java with examples. |
|  | Demonstrate the working of loops along with enhanced for loop. |
|  | Write a program to sort the elements using bubble sort. |
|  | Explain four different types of if statements in JAVA. |
|  | Demonstrate working of Continue and break with labels in JAVA. |
|  | Write a program to find whether the given number is palindrome. |
|  | What are Class and Class constructors? Explain two types of constructors with example. |
|  | Explain static variable and static methods in JAVA. |
|  | Write a program to perform Queue operation using proper class and  Methods. |
|  | Explain memory allocation and use of garbage collector in JAVA. Also explain the use of finalize method. |
|  | Explain use of *this* in JAVA. |
|  | Write a JAVA program demonstrating Method overloading and constructor overloading. |
|  | Write a JAVA program to multiply two matrices. |
|  | Explain type conversions in Java (Promotion methods in Java). |

K S Institute of Technology.

**Dept of CSE-ICB**

Module 1Object Oriented Programming with Java