

Java Programs

1. Classes and Object Programs

- a. Java Program to Create a Class and Object
- b. Java Program to Create Abstract Class
- c. Java Program to Create an Interface
- d. Java Program to Show Encapsulation in Class
- e. Java Program to Show Inheritance in Class
- f. Java Program to Show Abstraction in Class
- g. Java Program to Show Data Hiding in Class
- h. Java Program to Show Polymorphism in Class
- i. Java Program to Show Overloading of Methods in Class
- j. Java Program to Show Overriding of Methods in Classes

2. Array Programs

- a. Java Program to Search an Element in an Array
- b. Java Program to Find the Largest Element in an Array
- c. Java Program to Sort an Array
- d. Java Program to Sort the Elements of an Array in Descending Order
- e. Java Program to Sort the Elements of an Array in Ascending Order
- f. Java Program to Remove Duplicate Elements From an Array
- g. Java Program to Merge Two Arrays
- h. Java Program to Check if Two Arrays Are Equal or Not
- i. Java Program to Find Common Array Elements
- j. Java Program to Copy All the Elements of One Array to Another Array
- k. Java Program to Print a 2D Array
- l. Java Program to Add Two Matrices
- m. Java Program to Sort the 2D Array Across Columns
- n. Java Program to Check Whether Two Matrices Are Equal or Not

Java Programs

3. Collections Programs

- a. Java Program to Use Different Types of a Collection
- b. Java Program to Print a Collection
- c. Java Program to Compare Elements in a Collection
- d. Java Program to Get the Size of the Collection
- e. Java Program to Compare Elements in a Collection
- f. Java Program to Shuffle the Elements of a Collection
- g. Java Program to Reverse a Collection
- h. Java Program to Convert Collection into Array
- i. Java Program to Convert Array into Collection
- j. Java Program to Replace Elements in a List
- k. Java Program to Rotate Elements of a List
- l. Java Program to Iterate through Elements of HashMap
- m. Java Program to Convert Linked list to an Array
- n. Java Program to Convert Vector to a List
- o. Java Program to Convert String to a List of Characters
- p. Java Program to Convert Iterator to a List
- q. Java Program to Convert List to a Map
- r. Java Program to Convert List to a Stream
- s. Java Program to Convert List to Set
- t. Java Program to Convert InputStream to String
- u. Java Program to Convert Set of String to Array of String