

Hands-on Assignments for List

Complete the below hands-on assignments before proceeding with the next Topic

No.	Hands-on Assignment	Topics Covered	Status
1	Write a Java program to create an ArrayList, add all the months of a year and print the same.	List ArrayList	<input type="checkbox"/>
2	<p>1) Create an application for employee management with the following classes:</p> <p>a) Create an Employee class with following attributes and behaviors :</p> <p>i) int empId ii)String empName iii)String email iv)String gender v)float salary vi) void GetEmployeeDetails() -> prints employee details</p> <p>b) Create one more class EmployeeDB with the following attributes and behaviors.</p> <p>(i)ArrayList list; ii) boolean addEmployee(Employee e) -> adds the employee object to the collection iii) boolean deleteEmployee(int empId) ->delete the employee object from the collection with the given empId iv) String showPaySlip(int empId) -> returns the payslip of the employee with the given empId</p> <p>Provide implementation for all the methods and test your program.</p>	List enumeration / Iterator	<input type="checkbox"/>
3	Create an ArrayList that can store only Strings. Create a printAll method that will print all the elements of the ArrayList using an Iterator.	List iterator	<input type="checkbox"/>
4	Create an ArrayList that can store only numbers like int,float,double,etc, but not any other data type.	List ArrayList	<input type="checkbox"/>
5	Implement the assignment 1 using Linked List	List Linked List	<input type="checkbox"/>
6	Implement the assignment 1 using Vector	List, Vector	<input type="checkbox"/>
7	Write a program that will have a Vector which is capable of storing Employee objects. Use an Iterator and enumeration to list all the elements of the Vector.	List, Vector	<input type="checkbox"/>