

Assignment – 12

1. Explain the hierarchy of collection framework?
2. What is the difference between array and arraylist? Why ArrayList is better than array?
3. WAP add elements to arraylist without using generics, 0th location keep Integer, 1st location String now print each element and display contents.
4. WAP to print all elements of ArrayList using -
 - Iterator
 - for loop
 - for each
5. There is arraylist of strings al { "sun" , "mon" , "sun" , "tue" , "wed" , "mon" } Create another arraylist al2 which contains unique elements from al .So al2 will be { "sun" , "mon" , "tue" , "wed" }.
6. WAP to add 1 to 50 numbers in ArrayList and print only even numbers (using iterator) .
7. WAP to retrieve an element (at a specified index) from a given ArrayList.
8. WAP to insert an element into the ArrayList at the first position.
9. WAP to convert ArrayList to array in 2 different ways and array to ArrayList in 2 different ways (so total 4 ways).
10. WAP to replace the second element of an ArrayList with the specified element.
11. Create arraylist of string. Add 7 days to list (Monday , Sunday etc) remove elements from list for which string length is more than 7.
12. WAP to create Emp (id, name, sal) object and add 2 objects to ArrayList. Print and see both variable memory space is printed. This is because toString is not overridden but if you would have done this for Integer then beautiful output would have been printed.
13. Now override toString in Emp class and now print and see values are printed
14. WAP to print Emp whose salary is > 10000.
15. WAP to print Emp who have name "Sachin".
16. WAP to print Emp who have highest number of salary.