**1) What is default method in interface?**

write few examples of it.

(hint: https://www.tutorialspoint.com/java8/java8\_default\_methods.htm)

2) **Difference between ArrayList** and **LinkedList?**

3) **Difference between HashSet** and **ArrayList?**

4) **Please choose 7 bean classes created by any other associates (not by you):**

i) Implement code with ArrayList with 1st bean and normal for loop

ii) Implement code with ArrayList with 2nd bean and foreach loop

iii) Implement code with ArrayList with 3rd bean and Iterator

iv) Implement code with HashSet with 4th bean and foreach loop

v) Implement code with HashSet with 5th bean and Iterator

vi) Implement code with HashMap with 6th bean and foreach loop

vii) Implement code with HashMap with 7th bean and Iterator

5) **Practice MCQ questions on all topics that are done till now.**

i) java basics - data-types, type-casting, operators, String, Math, Booleans.

ii) if-else, switch, while-loop, for-loop, break-continue

iii) Arrays

iv) Methods, Method-parameters, Method-overloading

v) OOP concepts-abstraction, inheritance, polymorphism, encapsulation

vi) constructors, method-overloading, method-overriding

vii) interface, abstract classes

viii) ArrayList, HashSet, LinkedList, Iterator