Tasks till 02/06/2018  
  
1. Write a short note on Deque and give example code.

Deque is a queue in which we can add or remove elements from both sides.

import java.util.Deque;

import java.util.ArrayDeque;

public class Dequeexamole {

public static void main(String[] args) {

Deque<String> dq = new ArrayDeque<String>();

dq.add("Glenn");

dq.add("Negan");

dq.addLast("Maggie");

dq.addFirst("Rick");

dq.add("Daryl");

System.*out*.println("Elements in Deque:"+dq);

System.*out*.println("Removed element: "+dq.removeLast());

System.*out*.println("Head: "+dq.element());

System.*out*.println("poll(): "+dq.pollLast());

System.*out*.println("peek(): "+dq.peek());

System.*out*.println("Elements in Deque:"+dq);

}

}  
2. Write a short note on Generics an all types of Parameters used in Generics with example code.

3. Write a short note on Map Interface.

4. Write the difference between LinkedList and ArrayList.

5. Write a note on Dynamic array in java.

6. Write the difference between checked and unchecked exception with example code

7. Write the difference between throw and throws with example code

8. Write a note or nested try…catch block with example code

9. Write a note on MultiThreading and MultiTasking

10. Explain regular expression and quantifiers with example code

11. Explain DAO design pattern with example

12. Write a note on how DAO helps in abstraction

13. Describe the different approaches of String processing.

14. What is the difference between System.out ,System.err and System.in?

15. What is the purpose of the System class?

16. Which is the abstract parent class of FileWriter ?

17. Which class is used to read streams of characters from a file?

18. Which class is used to read streams of raw bytes from a file?

19. What are the differences between FileInputStream/FileOutputStream and RandomAccessFile

20. Write a note on Channels and Buffer with example.