Day 3

**package** javacollection;

**import** java.util.ArrayList;

**public** **class** CustomEx {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

ArrayList<Student> Students =**new** ArrayList<Student>();

Students.add(**new** Student("Rahul",1,"MCA"));

Students.add(**new** Student("Rahu",2,"MCA"));

**for**(Student s:Students) {

System.***out***.println(s.name);

}

}

}

**class** Student{

String name;

**int** roll\_no;

String Course;

**public** Student(String name, String course) {

**super**();

**this**.name = name;

**this**.roll\_no = roll\_no;

Course = course;

}

**public** Student(String string, **int** i, String string2) {

// **TODO** Auto-generated constructor stub

}

**public** String getName() {

**return** name;

}

**public** **void** setName(String name) {

**this**.name = name;

}

**public** **int** getRoll\_no() {

**return** roll\_no;

}

**public** **void** setRoll\_no(**int** roll\_no) {

**this**.roll\_no = roll\_no;

}

**public** String getCourse() {

**return** Course;

}

**public** **void** setCourse(String course) {

Course = course;

}

@Override

**public** String toString() {

**return** "Student [name=" + name + ", roll\_no=" + roll\_no + ", Course=" + Course + "]";

}

}

Output

Ques 2

**package** javacollection;

**import** java.util.ArrayDeque;

**public** **class** ArrayDequeEx {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

ArrayDeque<Integer> queue=**new** ArrayDeque<Integer>();

queue.offer(14);

queue.offerFirst(16);

queue.offerLast(46);

queue.offer(67);

System.***out***.println(queue);

System.***out***.println(queue.peek());

System.***out***.println(queue.peekFirst());

System.***out***.println(queue.peekLast());

queue.poll();

System.***out***.println(queue);

}

}

Output

[16, 14, 46, 67]

16

16

67

[14, 46, 67

Ques 3

package javacollection;

import java.util.HashMap;

import java.util.LinkedHashMap;

public class MapEx {

private static final String key = null;

public static void main(String[] args) {

// TODO Auto-generated method stub

LinkedHashMap<String,Integer> map=new LinkedHashMap<String,Integer>();

map.put("Three", 3);

map.put("Eight", 8);

map.put("Four", 4);

map.put("nine", 9);

System.out.println(map);

System.out.println(map.containsKey("ten"));

System.out.println(map.containsKey("nine"));

map.remove("Three");

System.out.println(map);

for(String Key:map.keySet());

{

System.out.println(map.get(key+""));

}

}

}  
output

{Three=3, Eight=8, Four=4, nine=9}

false

true

{Eight=8, Four=4, nine=9}

null