Java Code:

import java.util.LinkedList;  
import java.util.Queue;  
import java.util.Scanner;  
  
// Visitor Class  
class Visitor {  
 private String name;  
  
 public Visitor(String name) {  
 this.name = name;  
 }  
  
 public String getName() {  
 return name;  
 }  
}  
  
// Visitor Queue Class  
class VisitorQueue {  
 private Queue<Visitor> queue;  
  
 public VisitorQueue() {  
 queue = new LinkedList<>();  
 }  
  
 public boolean isEmpty() {  
 return queue.isEmpty();  
 }  
  
 public void addVisitor(Visitor visitor) {  
 queue.add(visitor);  
 }  
  
 public Visitor removeVisitor() {  
 return queue.poll();  
 }  
  
 public void showStatus() {  
 System.*out*.println("Queue Status:");  
 for (Visitor visitor : queue) {  
 System.*out*.println(visitor.getName());  
 }  
 }  
}  
  
public class Main {  
 public static void main(String[] args) {  
 final int MAX\_VISITOR = 3; // Max Visitor in Jet Coaster  
 int round = 0;  
  
 Scanner scanner = new Scanner(System.*in*);  
 VisitorQueue queue = new VisitorQueue();  
  
 while (true) {  
 System.*out*.print("Enter the name of the visitor joining the Jet Coaster queue (Press 'q' to exit): ");  
 String name = scanner.nextLine();  
  
 if (name.equals("q")) {  
 break;  
 }  
  
 Visitor visitor = new Visitor(name);  
 queue.addVisitor(visitor);  
 }  
  
 while (!queue.isEmpty()) {  
 System.*out*.println("\n\*\*\*\*\*\*\*\*\*\* " + (++round) + ". Round \*\*\*\*\*\*\*\*\*\*");  
 System.*out*.println("Visitors riding the Jet Coaster:");  
 for (int i = 0; i < MAX\_VISITOR; i++) {  
 Visitor visitor = queue.removeVisitor();  
 if (visitor != null) {  
 System.*out*.println(visitor.getName());  
 }  
 }  
 System.*out*.println();  
 queue.showStatus();  
 }  
  
 System.*out*.println("Jet Coaster queue is empty. The program is terminating.");  
 scanner.close();  
 }  
}

Output:

Enter the name of the visitor joining the Jet Coaster queue (Press 'q' to exit): enes

Enter the name of the visitor joining the Jet Coaster queue (Press 'q' to exit): orhan

Enter the name of the visitor joining the Jet Coaster queue (Press 'q' to exit): furkan

Enter the name of the visitor joining the Jet Coaster queue (Press 'q' to exit): murat

Enter the name of the visitor joining the Jet Coaster queue (Press 'q' to exit): serhan

Enter the name of the visitor joining the Jet Coaster queue (Press 'q' to exit): yusuf

Enter the name of the visitor joining the Jet Coaster queue (Press 'q' to exit): burak

Enter the name of the visitor joining the Jet Coaster queue (Press 'q' to exit): q

\*\*\*\*\*\*\*\*\*\* 1. Round \*\*\*\*\*\*\*\*\*\*

Visitors riding the Jet Coaster:

enes

orhan

furkan

Queue Status:

murat

serhan

yusuf

burak

\*\*\*\*\*\*\*\*\*\* 2. Round \*\*\*\*\*\*\*\*\*\*

Visitors riding the Jet Coaster:

murat

serhan

yusuf

Queue Status:

burak

\*\*\*\*\*\*\*\*\*\* 3. Round \*\*\*\*\*\*\*\*\*\*

Visitors riding the Jet Coaster:

burak

Queue Status:

Jet Coaster queue is empty. The program is terminating.

Process finished with exit code 0