1 **public** class GenericQueueApp

2 {

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

4 {

5 GenericQueue <StudentV4> aQueue = new GenericQueue <StudentV4> (4);

6 StudentV4 aStudent;

7

8 aStudent = **new** StudentV4(1, "Nora");

9 aQueue.enQueue(aStudent);

10 aStudent = **new** StudentV4(2, "Logan");

11 aQueue.enQueue(aStudent);

12 aStudent = **new** StudentV4(3, "Evie");

13 aQueue.enQueue(aStudent);

14 aStudent = **new** StudentV4(4, "Ryan");

15 aQueue.enQueue(aStudent);

16 aStudent = **new** StudentV4(5, "Skyler"); **//Queue already full**

17 System.out.println("Fifth enqueue successful? " +

18 aQueue.enQueue(aStudent));

19

20 **for**(**int** i=1; i <= 5; i++) **//one more that the queue's capacity**

21 {

22 System.out.println(aQueue.deQueue());

23 }

24 }

25 }

**Figure 13.24 The application NonGenericQueueApp.**