1 **public** **class** Transcripts **implements** Comparable <Transcripts>

2 {

3 String name;

4 **double** gpa;

5 **int** creditsEarned;

6

7 **public** Transcripts(String name, **double** gpa, **int** creditsEarned)

8 {

9 **this**.name = name;

10 **this**.gpa = gpa;

11 **this**.creditsEarned = creditsEarned;

12 }

13

14 **public** String toString()

15 {

16 **return** "name: " + name +

17 "; gpa: " + gpa +

18 "; credits earned: " + creditsEarned;

19 }

20

21 **public** **int** compareTo(Transcripts aTranscript)

22 {

23 **//Defines the natural order of transcripts**

24 **int** gpa1 = (int) (gpa \* 100);

25 **int** gpa2 = (int) (aTranscript.gpa \* 100);

26 **return** gpa1 - gpa2;

27 }

28 }

**Figure 13.27 The class Transcripts.**