1 **int** iMin, min;

2  **int** temp;

3

4 **for** (**int** j = 0; j < ages.length; j++)

5 {

6 min = ages[j];

7 iMin = j;

8 **for** (**int** i = j+1; i < ages.length; i++)

9 {

10 **if** (ages[i] < min)

11 {

12 min = ages[i];

13 iMin = i;

14 }

15 }

16

17 **if** ( iMin != j )

18 {

19 temp = ages[j];

20 ages[j] = ages[iMin];

21 ages[iMin] = temp;

22 }

23 }

**Sorting an Array of Primitives**

**Figure 6.23 The Selection Sort algorithm.**

1 **int** iMin, min;

2 ParentClass temp;

3

4 **for** (**int** j = 0; j < parent.length; j++)

5 {

6 min = parent[j].getAge();

7 iMin = j;

8 **for** (**int** i = j+1; i < parent.length; i++)

9 {

10 **if** (parent[i].getAge() < min)

11 {

12 min = parent[i].getAge();

13 iMin = i;

14 }

15 }

16

17 **if** ( iMin != j )

18 {

19 temp = parent[j];

20 parent[j] = parent[iMin];

21 parent[iMin] = temp;

22 }

23 }

**Sorting an Array of Objects**