```
 1  namespace EXAMEN
 2  {
 3      public class Notes
 4      {
 5          private List<Signature> _listSignature = new List<Signature>();
 6
 7          public List<Signature> ListSignatures => _listSignature;
 8
 9          public double GetQualifications(Subject subject)
10          {
11              List<Signature> list = _listSignature;
12
13              for(int i = 0; i < list.Count; i++)
14              {
15                  if (list[i].Subject == subject)
16                      return list[i].NotesSubject;
17              }
18              return 0.0;
19          }
20
21          public void SetQualifications(Subject subject, double value)
22          {
23              List<Signature> list = _listSignature;
24
25              for (int i = 0; i < list.Count; i++)
26              {
27                  if (list[i].Subject == subject)
28                      list[i].SetQualification(value);
29              }
30          }
31
32          public int SetQualificationsALT(Subject subject, double value)
33          {
34              List<Signature> list = _listSignature;
35
36              for (int i = 0; i < list.Count; i++)
37              {
38                  if (list[i].Subject == subject)
39                      list[i].SetQualification(value);
40                  return 1;
41              }
42              return -1;
43          }
44
45          public double GetAverageNotes()
46          {
47              double result = 0;
48              int count = 0;
49
50              List<Signature> list = _listSignature;
51
52              for(int i = 0; i < list.Count; i++)
53              {
```

```
54                  result += list[i].NotesSubject;
55                  count++;
56              }
57
58              return result / count;
59          }
60
61          public List<Signature> SortASCList()
62          {
63              List<Signature> list = _listSignature;
64              Signature aux = new Signature();
65
66              for(int i = 0; i < list.Count - 1; i++)
67              {
68                  for(int j = i + 1; j < list.Count; j++)
69                  {
70                      if (list[i].NotesSubject > list[j].NotesSubject)
71                      {
72                          aux = list[i];
73                          list[i] = list[j];
74                          list[j] = aux;
75                      }
76                  }
77              }
78              return list;
79          }
80
81          public double GetMajorNote(List<Signature> list)
82          {
83              return list[list.Count - 1].NotesSubject;
84          }
85
86          public Subject GetBestSubject(List<Signature> list)
87          {
88              return list[list.Count - 1].Subject;
89          }
90
91          public double GetMinorNote(List<Signature> list)
92          {
93              return list[0].NotesSubject;
94          }
95
96          public Subject GetWorseSubject(List<Signature> list)
97          {
98              return list[0].Subject;
99          }
100     }
101 }
102
```