

```
1 namespace EXAMEN
2 {
3     public enum Gender
4     {
5         MALE,
6         FEMALE,
7         NONBINARY
8     }
9     public class Student
10    {
11        private string _name = "";
12        private int _age;
13        private Gender _gender;
14        private double _height;
15        private double _weight;
16        private Notes _notes = new Notes();
17
18        public Student()
19        {
20
21        }
22
23        public Student(string name, int age)
24        {
25            _name = name;
26            _age = age;
27        }
28
29        public string Name => _name;
30        public Notes Notes => _notes;
31        public int Age => _age;
32        public Gender Gender => _gender;
33
34        public double GetIMC()
35        {
36            if (_height <= 0)
37                return double.NaN;
38
39            if (_weight <= 0)
40                return 0;
41
42            return _weight / (_height * _height);
43        }
44
45        public double GetAverageNotes()
46        {
47            double result = 0.0;
48            List<Signature> list = Notes.ListSignatures;
49
50            for (int i = 0; i < list.Count; i++)
51            {
52                result += list[i].NotesSubject;
53            }
54        }
55    }
56 }
```

```
54
55         return result / Notes.ListSignatures.Count;
56     }
57
58     public double GetAverageNotesQuick()
59     {
60         return Notes.GetAverageNotes();
61     }
62
63     public bool IsMajorAge()
64     {
65         double legalAge = 18;
66         return _age >= legalAge;
67     }
68
69     public Student Clone(Student student)
70     {
71         Student result = new Student();
72
73         result._age = student._age;
74         result._name = student._name;
75         result._weight = student._weight;
76         result._height = student._height;
77         result._gender = student._gender;
78
79         return result;
80     }
81 }
82 }
83
```