Iteration I

* Types in C# (classes, inheritance, structs, interfaces, enums, nested types). Value and reference types. Boxing, unboxing. Passing value and reference types as parameters (ref, out).
  + <https://msdn.microsoft.com/en-us/library/ms173104.aspx>
* Abstract types and methods, virtual methods. Method overriding vs method overloading.
  + Abstract type vs interface
  + “new” vs “override”
  + Sealed classes
  + “as” and “is“ operators
  + <https://msdn.microsoft.com/en-us/library/sf985hc5.aspx>
  + <https://msdn.microsoft.com/en-us/library/ebca9ah3.aspx>
  + <https://msdn.microsoft.com/en-us/library/88c54tsw.aspx>
  + <https://msdn.microsoft.com/en-us/library/ms173150.aspx>
* Access modifiers in C#. Readonly, constants.
  + <https://msdn.microsoft.com/en-us/library/wxh6fsc7.aspx>
  + <https://docs.microsoft.com/en-us/dotnet/csharp/language-reference/keywords/readonly>
  + <https://docs.microsoft.com/en-us/dotnet/csharp/language-reference/keywords/const>
* Generic types.
  + <http://www.rsdn.ru/article/dotnet/generics.xml>
  + <https://msdn.microsoft.com/en-us/library/512aeb7t.aspx>
* Collections. Collection interfaces. Common collection types. Comparers.
  + [https://msdn.microsoft.com/en-us/library/gg145035%28v=vs.110%29.aspx](https://msdn.microsoft.com/en-us/library/gg145035%28v=vs.110%29.aspx%20)
  + <https://msdn.microsoft.com/en-us/library/ybcx56wz.aspx>
  + <https://msdn.microsoft.com/en-us/library/92t2ye13%28v=vs.110%29.aspx>
  + <https://docs.microsoft.com/en-us/dotnet/api/system.collections.concurrent?view=netframework-4.7.2>
  + <https://docs.microsoft.com/en-us/dotnet/api/system.collections.generic.ilist-1?view=netframework-4.7.2>
  + <https://docs.microsoft.com/en-us/dotnet/api/system.collections.generic.queue-1?view=netframework-4.7.2>
  + <https://docs.microsoft.com/en-us/dotnet/api/system.collections.generic.stack-1?view=netframework-4.7.2>
  + <https://docs.microsoft.com/en-us/dotnet/api/system.collections.generic.icomparer-1?view=netframework-4.7.2>

Tasks:

* Task 1. *Random moving furniture*
* Task 2. *Salary calculation with taxes*