

# Completed homeworks:

## I. Course homeworks:

1. Homework\_1(MVCPattern) – SentenceMVCPattern
2. Homework\_2(TDDJunit) – MoreLessGameTDDJunit
3. Homework\_3(RegularExpressions) – RegistrationFormRegEx
4. Homework\_4(OOP) - Task11\_InsuranceOOP
5. Homework\_5(EqualsHashCode) – PixelEqualsHashCode  
Homework\_5(ImmutableObjects) – PixelImmutable
6. Homework\_6(Exceptions) – App
7. Homework\_7(SpringCourse) - Lesson2.SpringAppDemo(XML Config)  
Homework\_7(SpringCourse) - Lesson4.FirstIoCApp  
Homework\_7(SpringCourse) - Lesson5.FirstDIApp  
Homework\_7(SpringCourse) - Lesson6.DIAppPart2  
Homework\_7(SpringCourse) - Lesson6.HWSolution  
Homework\_7(SpringCourse) - Lesson7.Scopes  
Homework\_7(SpringCourse) - Lesson8.InitDestroyAndFactory  
Homework\_7(SpringCourse) - Lesson9.SpringAnnotations1  
Homework\_7(SpringCourse) - Lesson10.SpringAnnotations2  
Homework\_7(SpringCourse) - Lesson11.HWSolution  
Homework\_7(SpringCourse) - Lesson11.SpringAnnotations3  
Homework\_7(SpringCourse) - Lesson12.SpringAnnotations4  
Homework\_7(SpringCourse) - Lesson13.HWSolution  
Homework\_7(SpringCourse) - Lesson13.SpringJavaConfiguration  
Homework\_7(SpringCourse) - Lesson15.SpringMVCApp1
8. Homework\_8(Collections) – arrayListTutorial(simpleList)  
Homework\_8(Collections) – linkedList(myLinkedList)  
Homework\_8(Collections) – collections(map)  
Homework\_8(Collections) – collections(tree)  
  
Homework\_8(RegistrationForm) - registration\_form  
  
Homework\_8(UseTwoMaps) – UseTwoMaps
9. Homework\_9(Stream) – Stream
10. Homework\_10(SpringBootInternationalization) - demo\_jpa
11. Homework\_11(SpringSecurity) – SpringSecurityRegAuth
12. Homework\_12(DesignPatterns) – AbstractFactoryApp  
Homework\_12(DesignPatterns) – AdapterApp  
Homework\_12(DesignPatterns) – BridgeApp  
Homework\_12(DesignPatterns) – BuilderApp  
Homework\_12(DesignPatterns) – ChainApp  
Homework\_12(DesignPatterns) – CommandApp

Homework\_12(DesignPatterns) – CompositeApp  
Homework\_12(DesignPatterns) – DecoratorApp  
Homework\_12(DesignPatterns) – DelegateApp  
Homework\_12(DesignPatterns) – FacadeApp  
Homework\_12(DesignPatterns) – FactoryMethodApp  
Homework\_12(DesignPatterns) – FlyweightApp  
Homework\_12(DesignPatterns) – InterpreterApp  
Homework\_12(DesignPatterns) – IteratorApp  
Homework\_12(DesignPatterns) – MediatorApp  
Homework\_12(DesignPatterns) – MementoGame  
Homework\_12(DesignPatterns) – MeteoApp  
Homework\_12(DesignPatterns) – PrototypeApp  
Homework\_12(DesignPatterns) – ProxyApp  
Homework\_12(DesignPatterns) – SingletonApp  
Homework\_12(DesignPatterns) – StateApp  
Homework\_12(DesignPatterns) – StrategyApp  
Homework\_12(DesignPatterns) – TemplateMethodApp  
Homework\_12(DesignPatterns) – VisitorApp

13. Homework\_13\_code\_from\_video(JUnit) – JunitVideo

## **II. Additional homeworks:**

14. Homework\_14\_additional(Arrays) – ArraysMVCPattern
15. Homework\_15\_additional(peterarsentev\_course\_test) - task\_001(Calculator)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_002(Point)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_003(Triangle)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_004(IsoscelesTriangle)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_005(RightTriangle)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_006(Square)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_007(Expression)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_008(Primes)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_009(UniqueChars)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_010(Brackets)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_011(ArrayContainsOne)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_012(SequenceArray)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_013(MonoArray)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_014(ReversePhrase)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_015(CycleShift)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_016(TicTacToe)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_017(CashMachine)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_018(Pool)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_019(Maze)  
Homework\_15\_additional(peterarsentev\_course\_test) - task\_020(Combine)

## **III. Final projects:**

16. FinalSpringProject(option\_12) – StudentTesting
17. FinalServletProject(option\_12) – StudentTesting(EER diagram)
18. FinalServletProject(option\_12) – StudentTesting
19. FinalProjects(option\_12) – StudentTesting(Presentation\_en)  
FinalProjects(option\_12) – StudentTesting(Presentation\_ru)