**1c) Контролен списък за проверка на кода:**

Java Code Review Checklist

1. Verify the code compiles without errors
2. Check if the code follows the coding standards
3. Ensure proper usage of Java keywords and constructs
4. Check if the variables and methods are properly declared and used
5. Approve proper encapsulation: Objects and classes
6. Check if the code includes proper exception handling
7. Are there any unused variables or methods?
8. Approval: Use of inheritance and interfaces
9. Verify if the code is optimized for efficiency
10. Does the code include proper documentation comments?
11. Check consistencies in code formatting
12. Approval: Readability
13. Ensure there is no hard-coded data
14. Validate correctness of algorithm or its logic
15. Are there any potential memory leaks?
16. Approval: Object Lifetime Management
17. Test case coverage review
18. Approval: Unit Test Results
19. Validation of build and deployment process
20. Final Approval: Team Lead