

NPTEL-Programming in Java

Assignment Solutions

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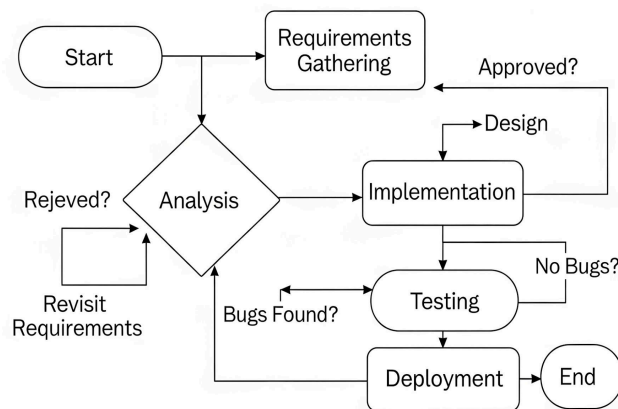
This document contains the solved programming assignments for the NPTEL course, "Programming in Java." The course is structured over 12 weeks, covering fundamental and advanced concepts of Java programming.

Course Details

This table outlines the weekly topics covered in the "Programming in Java" course.

Week	Topic
Week 1	Overview of Object-Oriented Programming and Java
Week 2	Java Programming Elements
Week 3	Input-Output Handling in Java
Week 4	Encapsulation
Week 5	Inheritance
Week 6	Exception Handling

Week	Topic
Week 7	Multithreaded Programming
Week 8	Java Applets and Servlets
Week 9	Java Swing and Abstract Windowing Toolkit (AWT)
Week 10	Networking with Java
Week 11	Java Object Database Connectivity (ODBC)
Week 12	Interface and Packages for Software Development



Assignment Index

The solutions for the programming assignments are organized by week below.

Week 1 Assignments

- **Week 1 Program 1 Solution:** [\[Programming In Java - Course\]](#)
- **Week 1 Program 2 Solution:** [\[Programming In Java - Course\]](#)
- **Week 1 Program 3 Solution:** [\[Programming In Java - Course\]](#)

- **Week 1 Program 4 Solution:** [[Programming In Java - Course](#)]
- **Week 1 Program 5 Solution:** [[Programming In Java - Course](#)]

Week 2 Assignments

- **Week 2 Program 1 Solution:** [Solution link for Week 2 Program 1]
- **Week 2 Program 2 Solution:** [Solution link for Week 2 Program 2]
- **Week 2 Program 3 Solution:** [Solution link for Week 2 Program 3]
- **Week 2 Program 4 Solution:** [Solution link for Week 2 Program 4]
- **Week 2 Program 5 Solution:** [Solution link for Week 2 Program 5]

Week 3 Assignments

- **Week 3 Program 1 Solution:** [Solution link for Week 3 Program 1]
- **Week 3 Program 2 Solution:** [Solution link for Week 3 Program 2]
- **Week 3 Program 3 Solution:** [Solution link for Week 3 Program 3]
- **Week 3 Program 4 Solution:** [Solution link for Week 3 Program 4]
- **Week 3 Program 5 Solution:** [Solution link for Week 3 Program 5]

Week 4 Assignments

- **Week 4 Program 1 Solution:** [Solution link for Week 4 Program 1]
- **Week 4 Program 2 Solution:** [Solution link for Week 4 Program 2]
- **Week 4 Program 3 Solution:** [Solution link for Week 4 Program 3]
- **Week 4 Program 4 Solution:** [Solution link for Week 4 Program 4]
- **Week 4 Program 5 Solution:** [Solution link for Week 4 Program 5]

Week 5 Assignments

- **Week 5 Program 1 Solution:** [Solution link for Week 5 Program 1]
- **Week 5 Program 2 Solution:** [Solution link for Week 5 Program 2]
- **Week 5 Program 3 Solution:** [Solution link for Week 5 Program 3]
- **Week 5 Program 4 Solution:** [Solution link for Week 5 Program 4]
- **Week 5 Program 5 Solution:** [Solution link for Week 5 Program 5]

Week 6 Assignments

- **Week 6 Program 1 Solution:** [Solution link for Week 6 Program 1]
- **Week 6 Program 2 Solution:** [Solution link for Week 6 Program 2]
- **Week 6 Program 3 Solution:** [Solution link for Week 6 Program 3]
- **Week 6 Program 4 Solution:** [Solution link for Week 6 Program 4]
- **Week 6 Program 5 Solution:** [Solution link for Week 6 Program 5]

Week 7 Assignments

- **Week 7 Program 1 Solution:** [Solution link for Week 7 Program 1]
- **Week 7 Program 2 Solution:** [Solution link for Week 7 Program 2]
- **Week 7 Program 3 Solution:** [Solution link for Week 7 Program 3]
- **Week 7 Program 4 Solution:** [Solution link for Week 7 Program 4]
- **Week 7 Program 5 Solution:** [Solution link for Week 7 Program 5]

Week 8 Assignments

- **Week 8 Program 1 Solution:** [Solution link for Week 8 Program 1]
- **Week 8 Program 2 Solution:** [Solution link for Week 8 Program 2]
- **Week 8 Program 3 Solution:** [Solution link for Week 8 Program 3]
- **Week 8 Program 4 Solution:** [Solution link for Week 8 Program 4]
- **Week 8 Program 5 Solution:** [Solution link for Week 8 Program 5]

Week 9 Assignments

- **Week 9 Program 1 Solution:** [Solution link for Week 9 Program 1]
- **Week 9 Program 2 Solution:** [Solution link for Week 9 Program 2]
- **Week 9 Program 3 Solution:** [Solution link for Week 9 Program 3]
- **Week 9 Program 4 Solution:** [Solution link for Week 9 Program 4]
- **Week 9 Program 5 Solution:** [Solution link for Week 9 Program 5]

Week 10 Assignments

- **Week 10 Program 1 Solution:** [Solution link for Week 10 Program 1]
- **Week 10 Program 2 Solution:** [Solution link for Week 10 Program 2]
- **Week 10 Program 3 Solution:** [Solution link for Week 10 Program 3]
- **Week 10 Program 4 Solution:** [Solution link for Week 10 Program 4]
- **Week 10 Program 5 Solution:** [Solution link for Week 10 Program 5]

Week 11 Assignments

- **Week 11 Program 1 Solution:** [Solution link for Week 11 Program 1]
- **Week 11 Program 2 Solution:** [Solution link for Week 11 Program 2]
- **Week 11 Program 3 Solution:** [Solution link for Week 11 Program 3]
- **Week 11 Program 4 Solution:** [Solution link for Week 11 Program 4]
- **Week 11 Program 5 Solution:** [Solution link for Week 11 Program 5]

Week 12 Assignments

- **Week 12 Program 1 Solution:** [Solution link for Week 12 Program 1]
- **Week 12 Program 2 Solution:** [Solution link for Week 12 Program 2]
- **Week 12 Program 3 Solution:** [Solution link for Week 12 Program 3]
- **Week 12 Program 4 Solution:** [Solution link for Week 12 Program 4]

- **Week 12 Program 5 Solution:** [Solution link for Week 12 Program 5]



Future Plans

I will update this document with the links to the actual program files ([File](#)) and any related discussion notes ([File](#)) once they are finalized. The next update is scheduled for [Date](#) .

I am planning an online review session for Week 1 to Week 3 content. You can find the event details here: [Calendar event](#) .