



PMD Course Contents



SkyRocket your **Coding Career**

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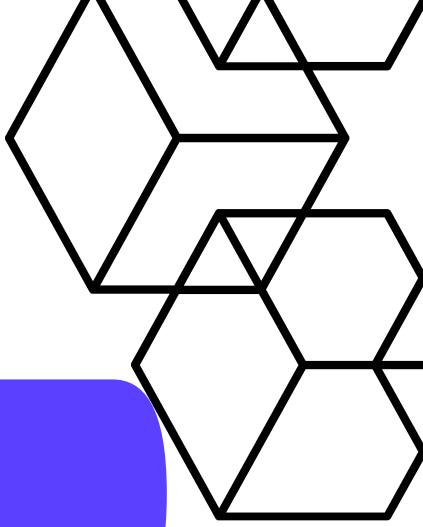
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CHAPTER 1 : INTRODUCTION TO PROGRAM MISTAKE DETECTOR

- What is Program Mistake Detector?
- Why do we need Program Mistake Detector?
- How does Program Mistake Detector work?

CHAPTER 2 : TYPES OF PROGRAMMING ERRORS

- Syntax Errors
- Semantic Errors
- Logical Errors



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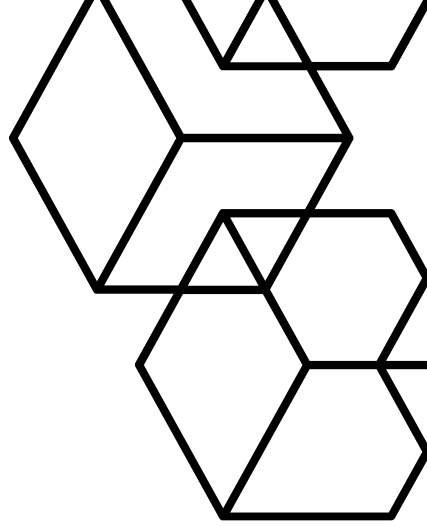
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CHAPTER 3 : DEBUGGING TOOLS

- Integrated Development Environments (IDEs)
- Debugging in Java
- Other Debugging Tools

CHAPTER 4 : COMMON DEBUGGING TECHNIQUES

- Stepping Through Code
- Setting Breakpoints
- Variable Inspection
- Logging



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CHAPTER 5 : DEBUGGING STRATEGIES

- Divide and Conquer
- Binary Search
- Rubber Duck Debugging
- Pair Programming

CHAPTER 6 : CONCLUSION

- Best Practices for Debugging
- Future of Program Mistake Detector
- Review and Summary

