



Introduction to Java Programming

Sheet # 05: Loops

- ▶ Textbook: Introduction to Java Programming and Data Structures, Comprehensive Version (11th Edition)
- ▶ This sheet covers chapter 05 “Loops”

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➤ Check Point Questions:

Review the questions at the following URL:

<https://liveexample.pearsoncmg.com/checkpoint12/Chapter5.html>

➤ Solve the following Programming Exercises from the textbook (pages 216-226)

5.4	5.7	5.9	5.16	5.17	5.23
5.32	5.33	5.41	5.46	5.49	5.51

➤ Mini Project: Comparing Loans

Write a program that lets the user enter the loan amount and loan period in number of years and displays the monthly and total payments for each interest rate starting from 5% to 8%, with an increment of 1/8. Here is a sample run:

<Output>

Loan Amount: 10000

Number of Years: 5

Interest Rate	Monthly Payment	Total Payment
5%	188.71	11322.74
5.125%	189.28	11357.13
5.25%	189.85	11391.59
...		
7.875%	202.17	12129.97
8.0%	202.76	12165.83

<End output>

With our best wishes;