**Week 1 Assignment**

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Presidential Graduate School, Kathmandu, Nepal

PRG401: JAVA

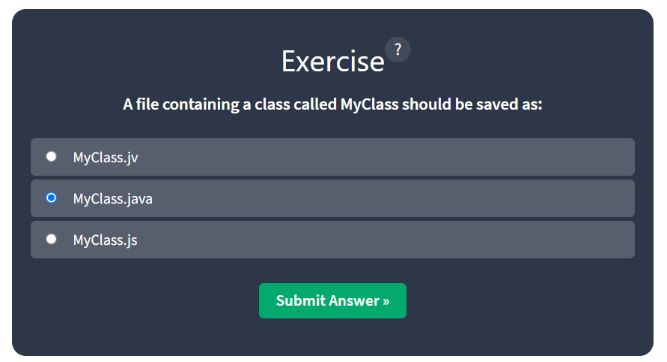
Professor Narendra Chaudhary

March 9, 2025

**W3 School Exercises**

**Syntax Exercise**

1. Question 1

A green screen with white text

AI-generated content may be incorrect.

1. Question 2

A screenshot of a computer

AI-generated content may be incorrect.A screenshot of a computer

AI-generated content may be incorrect.

1. Question 3

A screenshot of a computer program

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 4

A screenshot of a computer program

AI-generated content may be incorrect.

1. Exercise Completed

A screenshot of a computer program

AI-generated content may be incorrect.

**Comment Exercise**

A screenshot of a computer

AI-generated content may be incorrect.

**Output Exercise**

A screenshot of a computer

AI-generated content may be incorrect.

**Java Output Numbers Exercise**

A screenshot of a computer program

AI-generated content may be incorrect.

**Java Variables Exercise**

1. Question 1

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 2

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 3

A screenshot of a computer program

AI-generated content may be incorrect.

1. Exercise Completed

A screenshot of a computer

AI-generated content may be incorrect.

**Java Print Variables Exercise**

1. Question 1

A screenshot of a quiz

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 2

A screenshot of a computer program

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 3

A screenshot of a computer program

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 4

A screenshot of a computer program

AI-generated content may be incorrect.

1. Exercise Completed

A screenshot of a computer program

AI-generated content may be incorrect.

**Java Declare Multiple Variables**

1. Question 1

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 2

A screenshot of a computer program

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 3

A screenshot of a computer

AI-generated content may be incorrect.

1. Exercise Completed

A screenshot of a computer

AI-generated content may be incorrect.

**Java Identifiers**

1. Question 1

A screenshot of a computer screen

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 2

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 3

A screenshot of a computer program

AI-generated content may be incorrect.

1. Exercise Completed

A screenshot of a computer

AI-generated content may be incorrect.

**Java – Data Types Exercise**

1. Question 1

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 2

A screenshot of a computer program

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 3

A screenshot of a computer

AI-generated content may be incorrect.

1. Exercise Completed

A screenshot of a computer

AI-generated content may be incorrect.

**Java Numbers**

1. Question 1

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 2

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 3

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 4

A screenshot of a computer

AI-generated content may be incorrect.

1. Exercise Completed

A screenshot of a computer

AI-generated content may be incorrect.

**Java Boolean Data Types**

1. Question 1

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 2

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 3

A screenshot of a computer

AI-generated content may be incorrect.

1. Exercise Completed

A screenshot of a computer

AI-generated content may be incorrect.

**Java Characters**

1. Question 1

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 2

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 3

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 4

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 5

A screenshot of a computer

AI-generated content may be incorrect.

1. Exercise Completed

A screenshot of a computer

AI-generated content may be incorrect.

**Java Type Casting Exercise**

1. Question 1

A screenshot of a quiz

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 2

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 3

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 4

A screenshot of a computer

AI-generated content may be incorrect. A screenshot of a computer

AI-generated content may be incorrect.

1. Question 5

A screenshot of a computer program

AI-generated content may be incorrect.

1. Exercise Completed

A screenshot of a computer

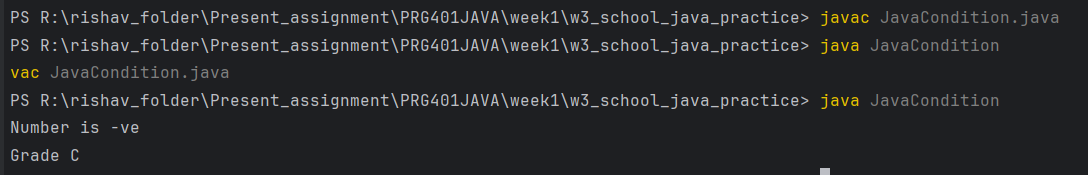
AI-generated content may be incorrect.

**Classwork**

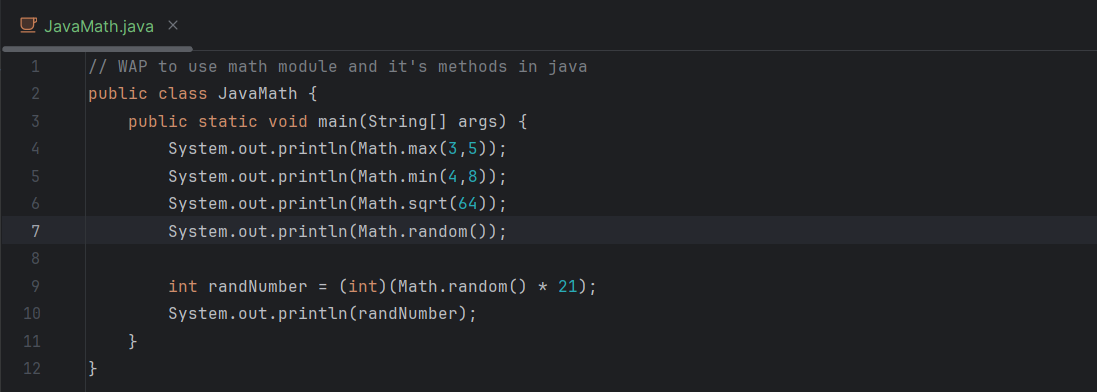
1. To Check for a positive number and grade A when 90-100, B when 80-89, C when 70-79 and D when 60-69



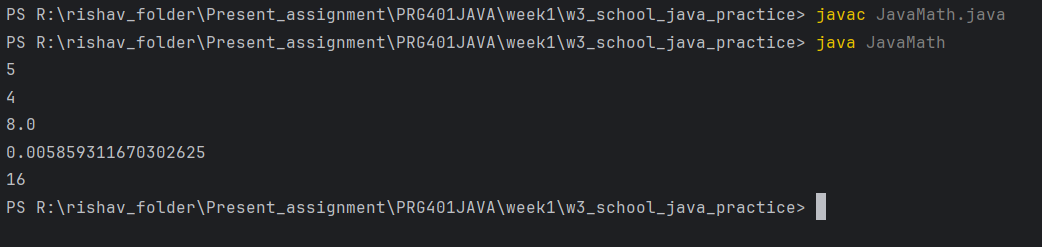
Output:



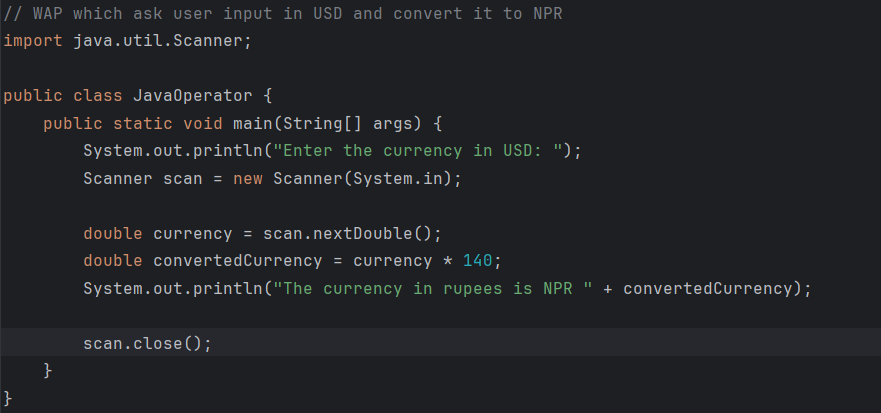
1. Use of Math Modules and its methods



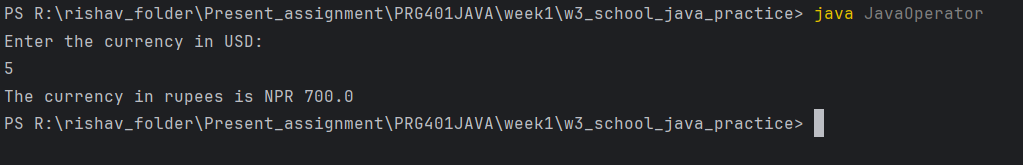
Output:



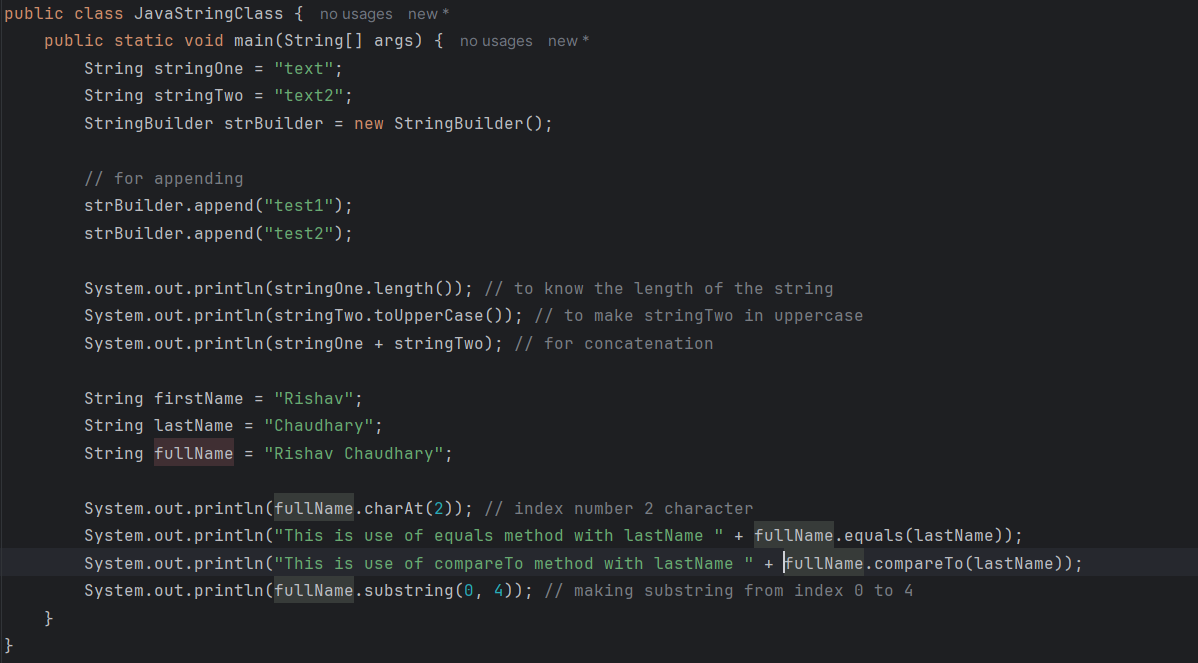
1. Asking user input using Scanner util, for USD and converting it to NPR and displaying it.



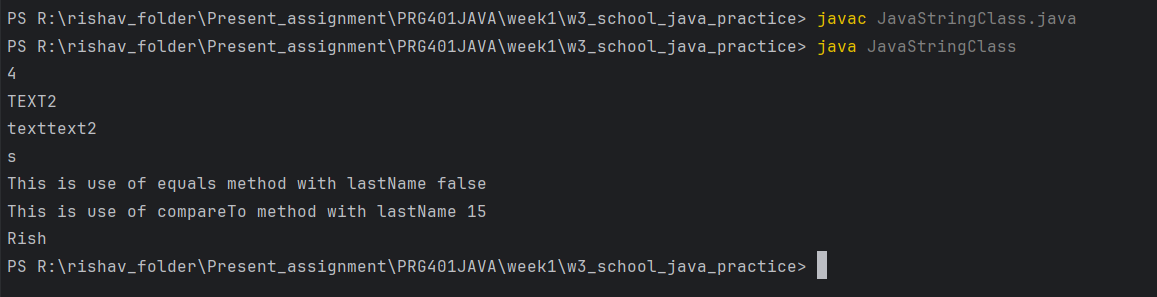
Output:



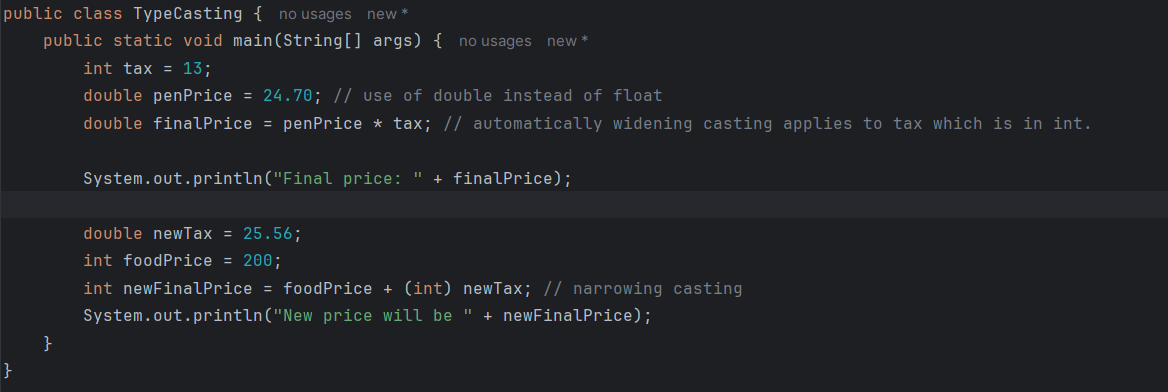
1. String Manipulation with StringBuilder to append, find out length, change to uppercase, concatenate, finding out char at index, equals and compare, and substring.



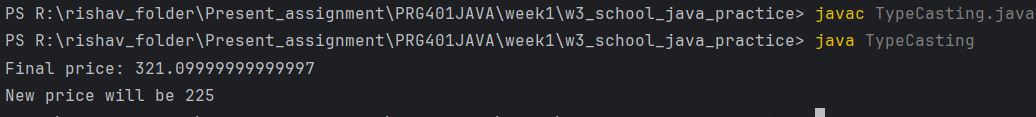
Output:



1. TypeCasting in Java



Output:



**References**

W3 Schools. (n.d.). *Java Tutorial*. Retrieved March 9, 2025, from <https://www.w3schools.com/java/default.asp>