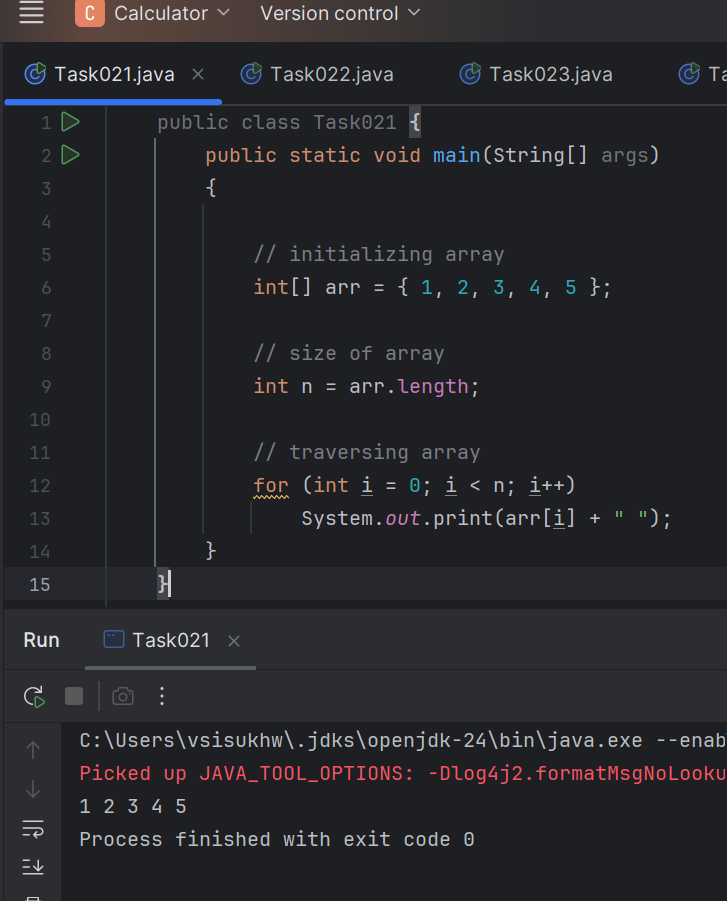
**Day 8 (07 June 2025)**

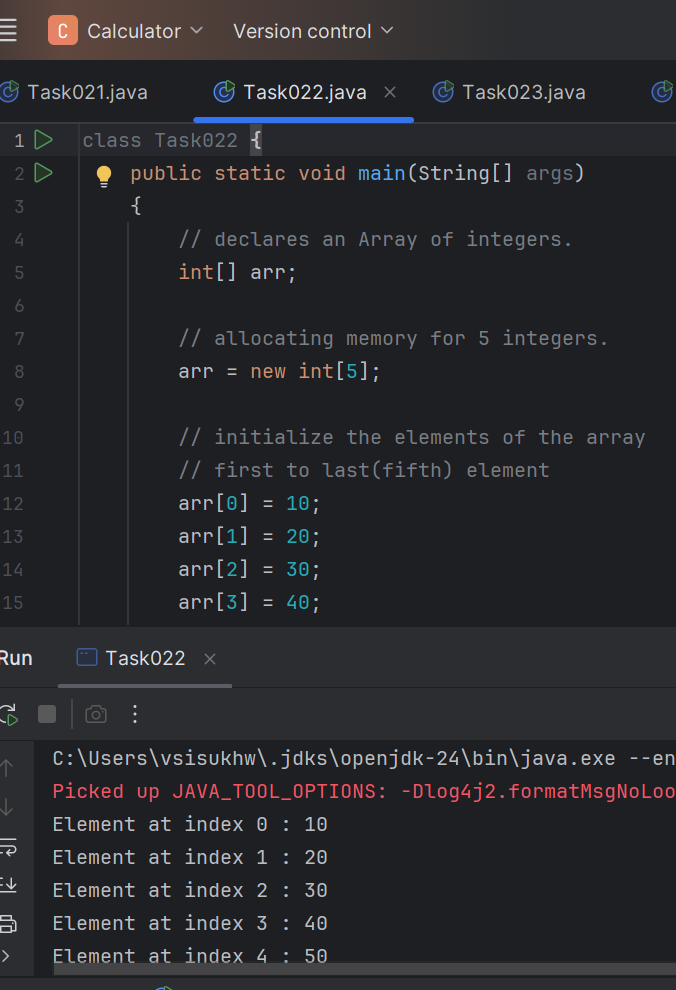
**112552596 - vsisukhw - Sukhwinder Singh**

**Task25 and 32 please remember, they are 2**

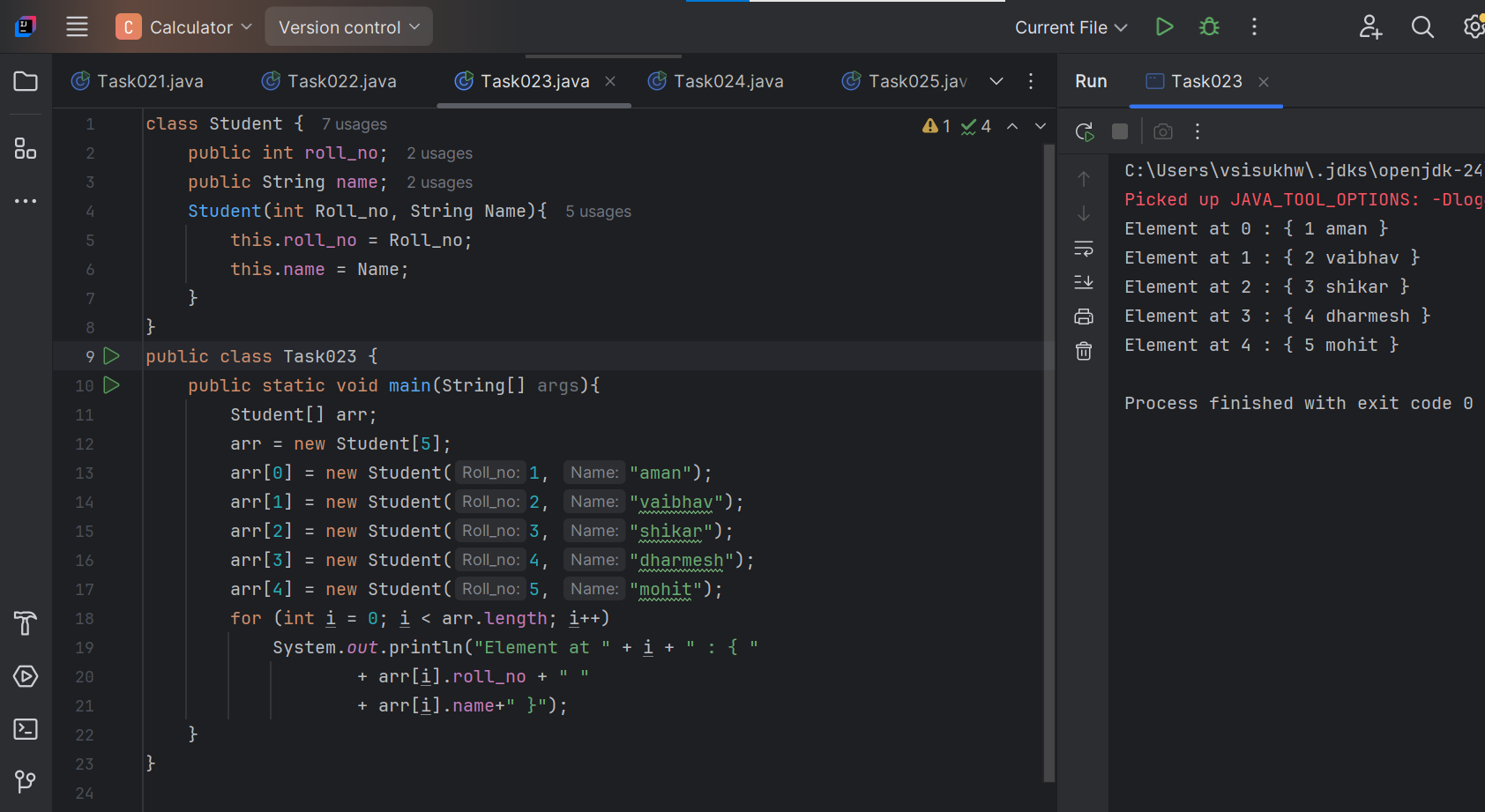
**Task 021**

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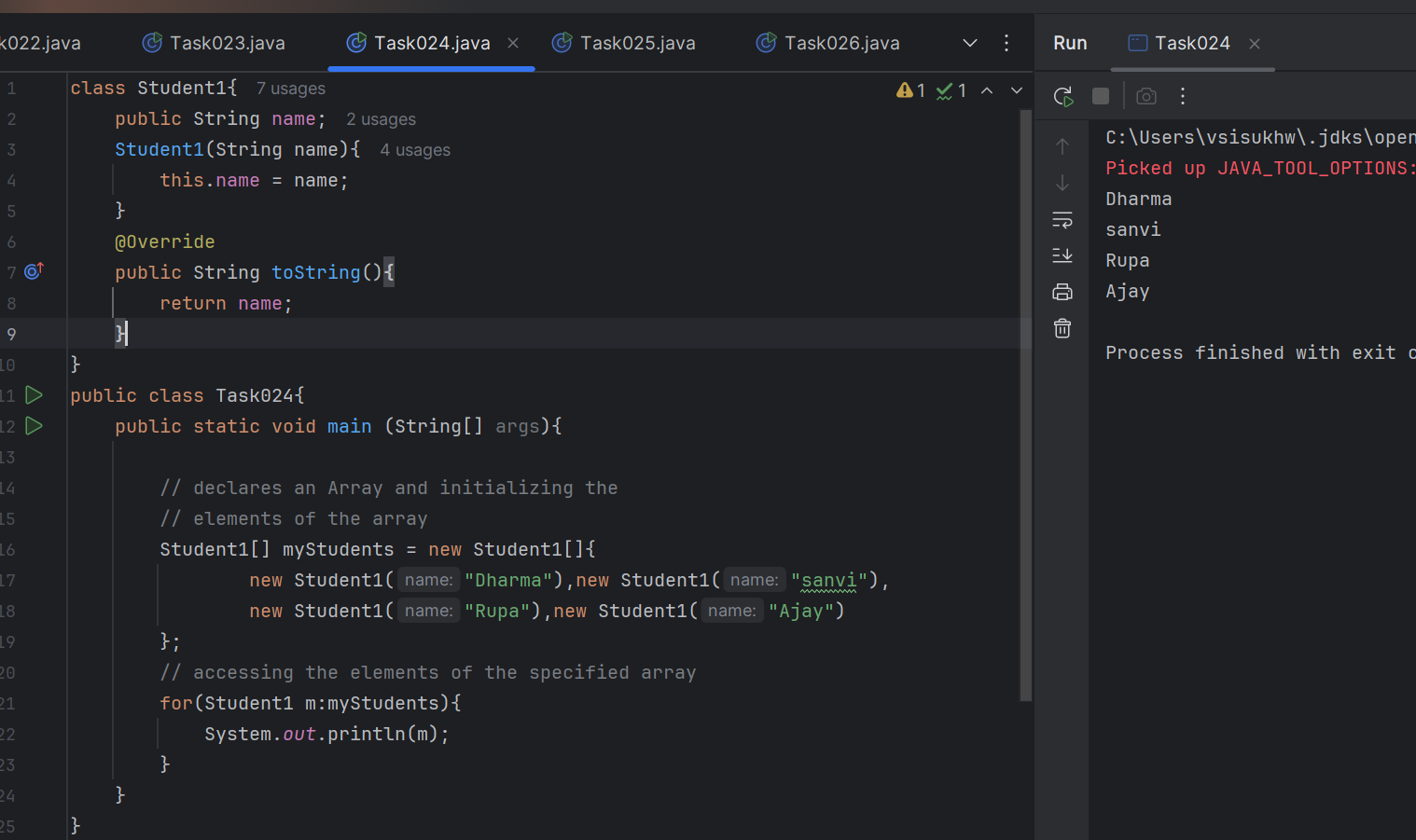
**Task 022**

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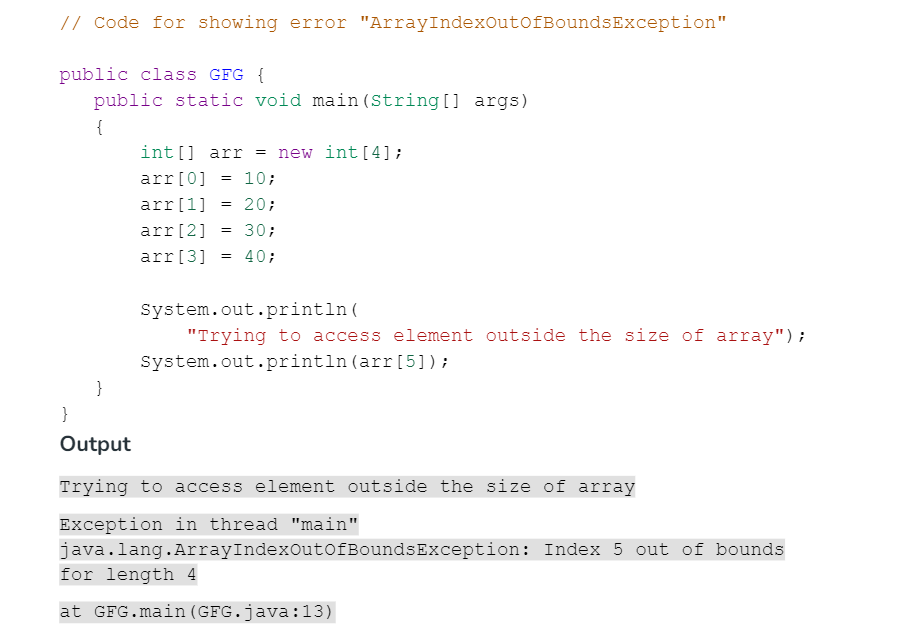
**Task 023**

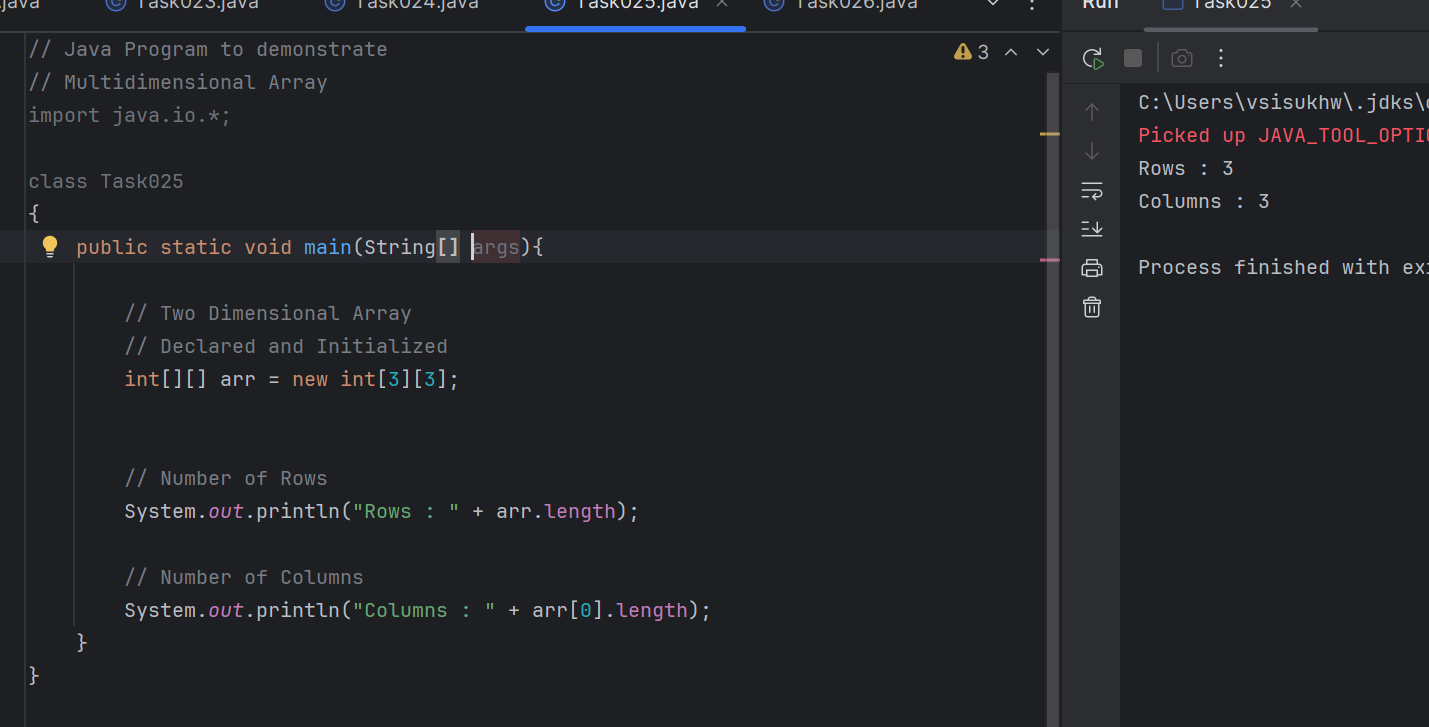
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**Task 024**

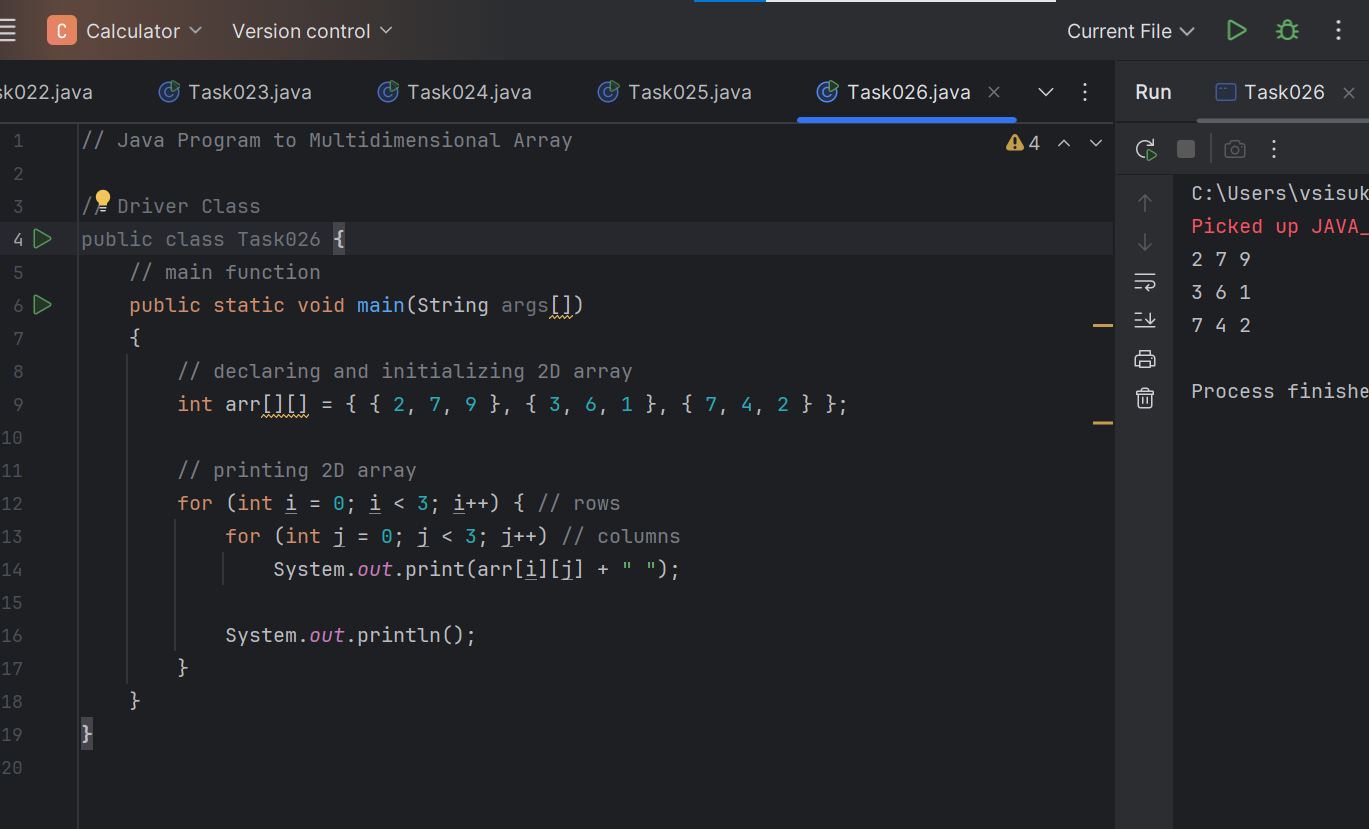
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**Task 025**

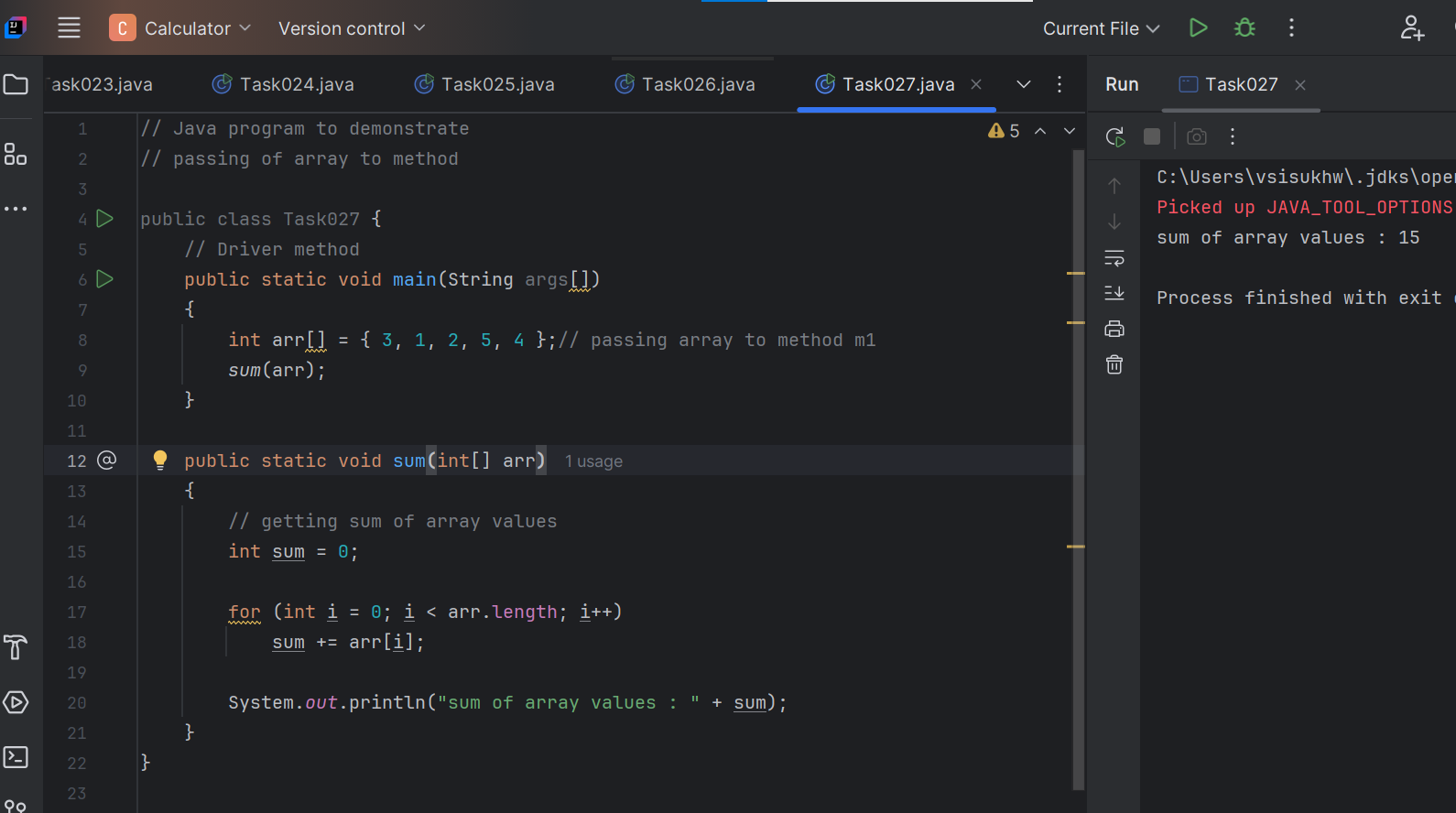
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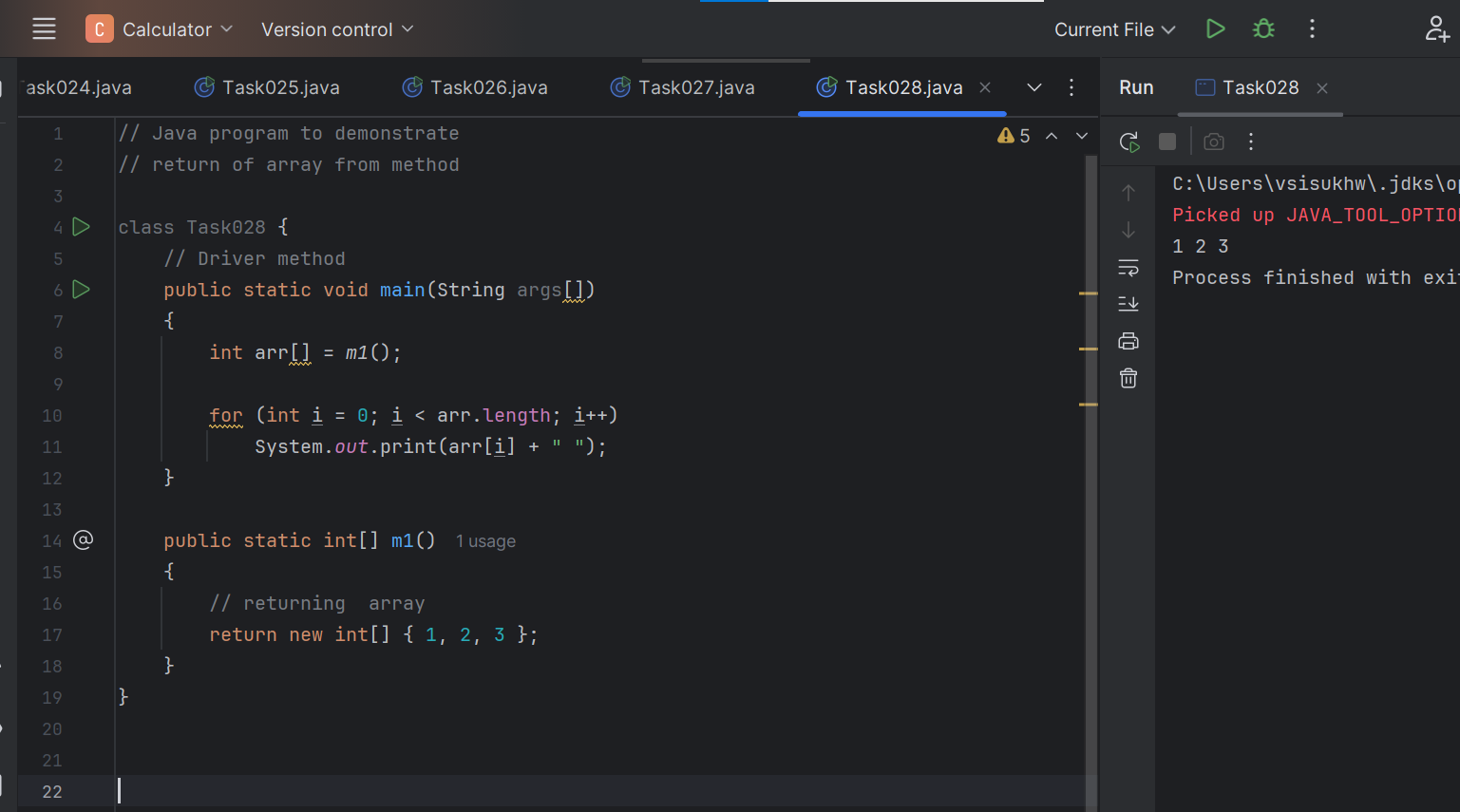
**Task 026**

****

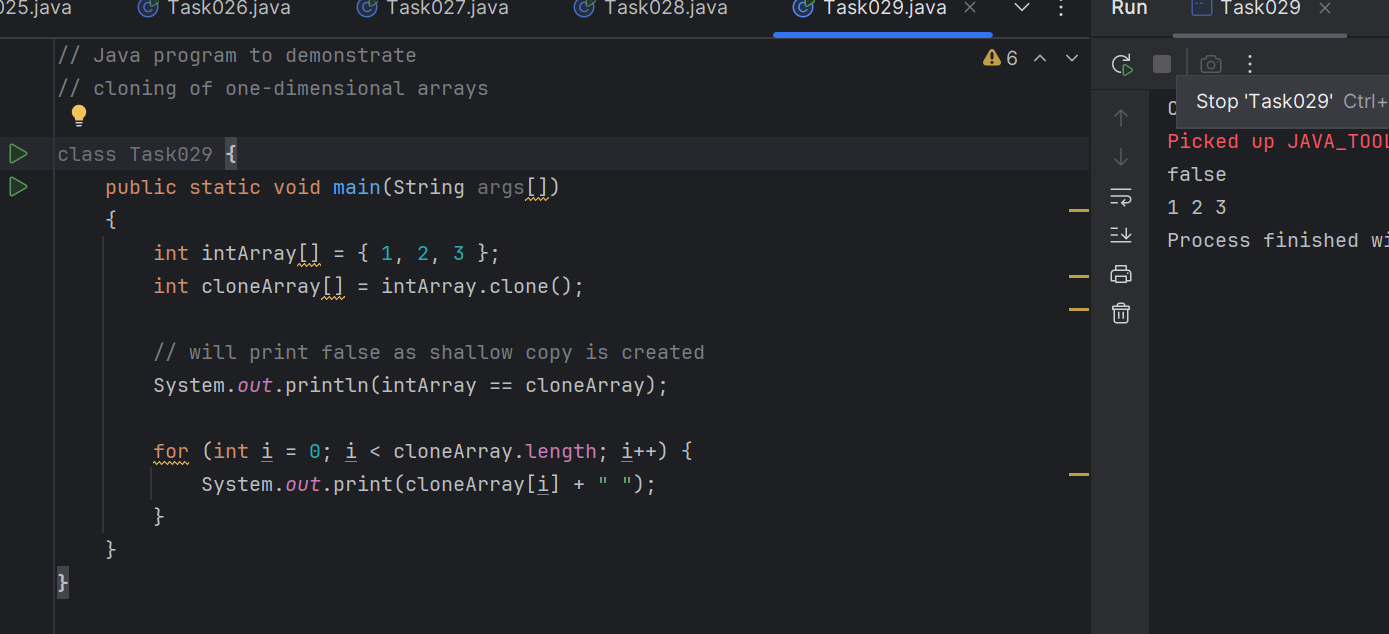
**Task 027**

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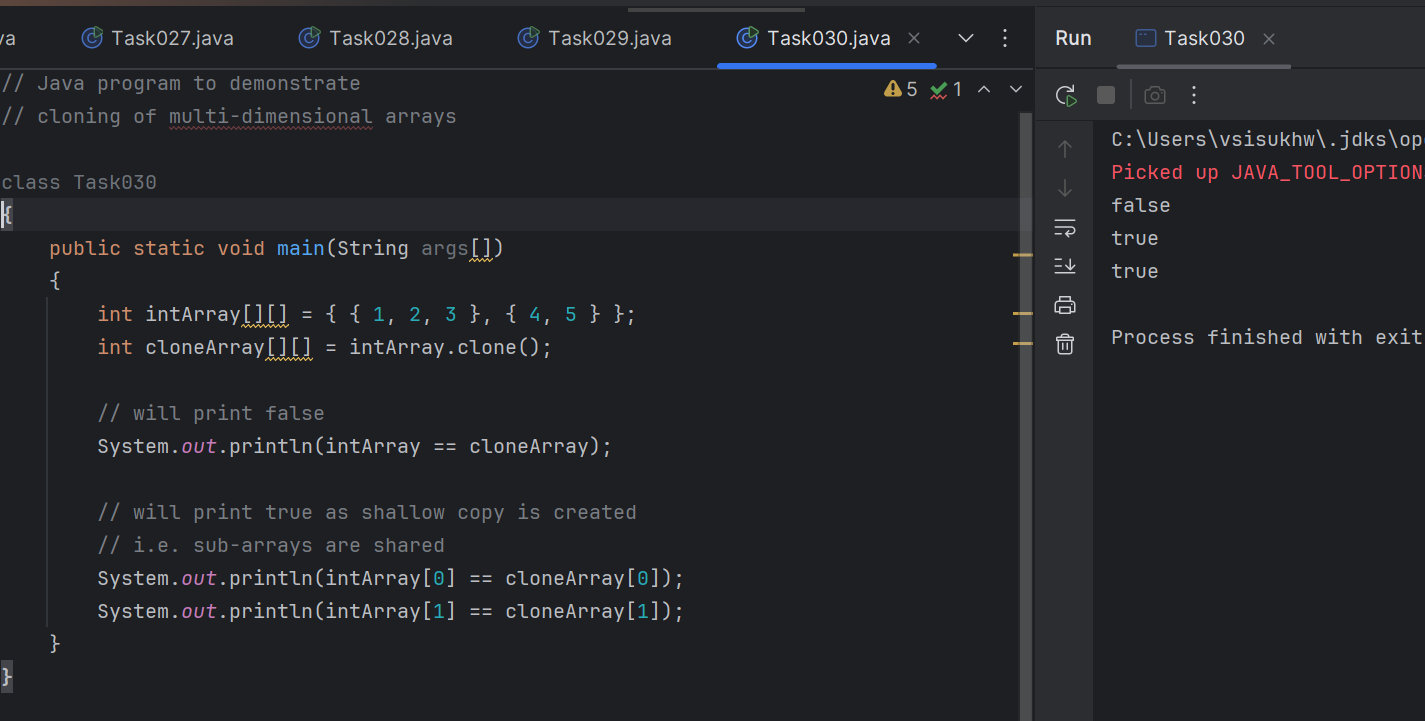
**Task 028**

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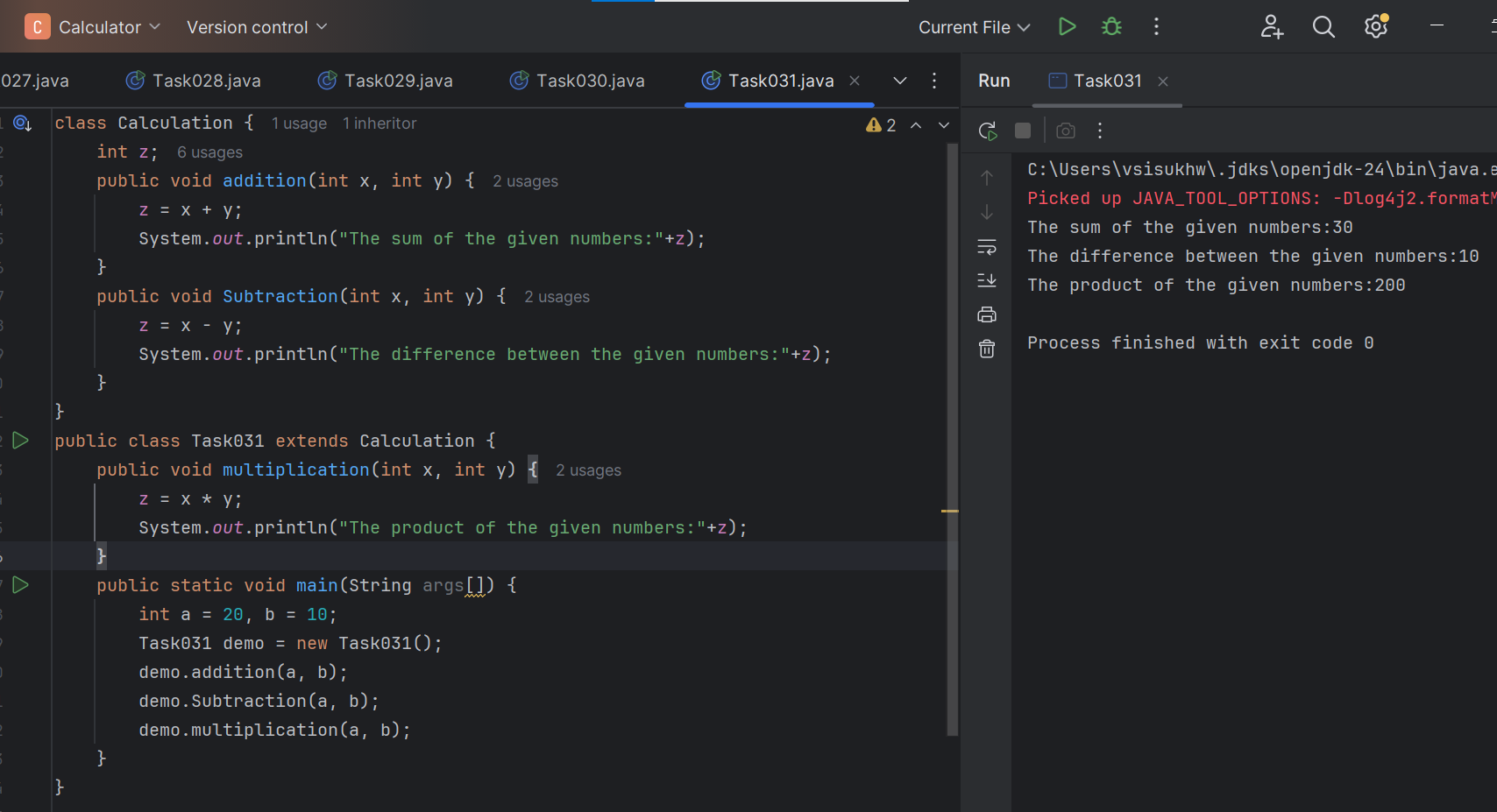
**Task 029**

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**Task 030**

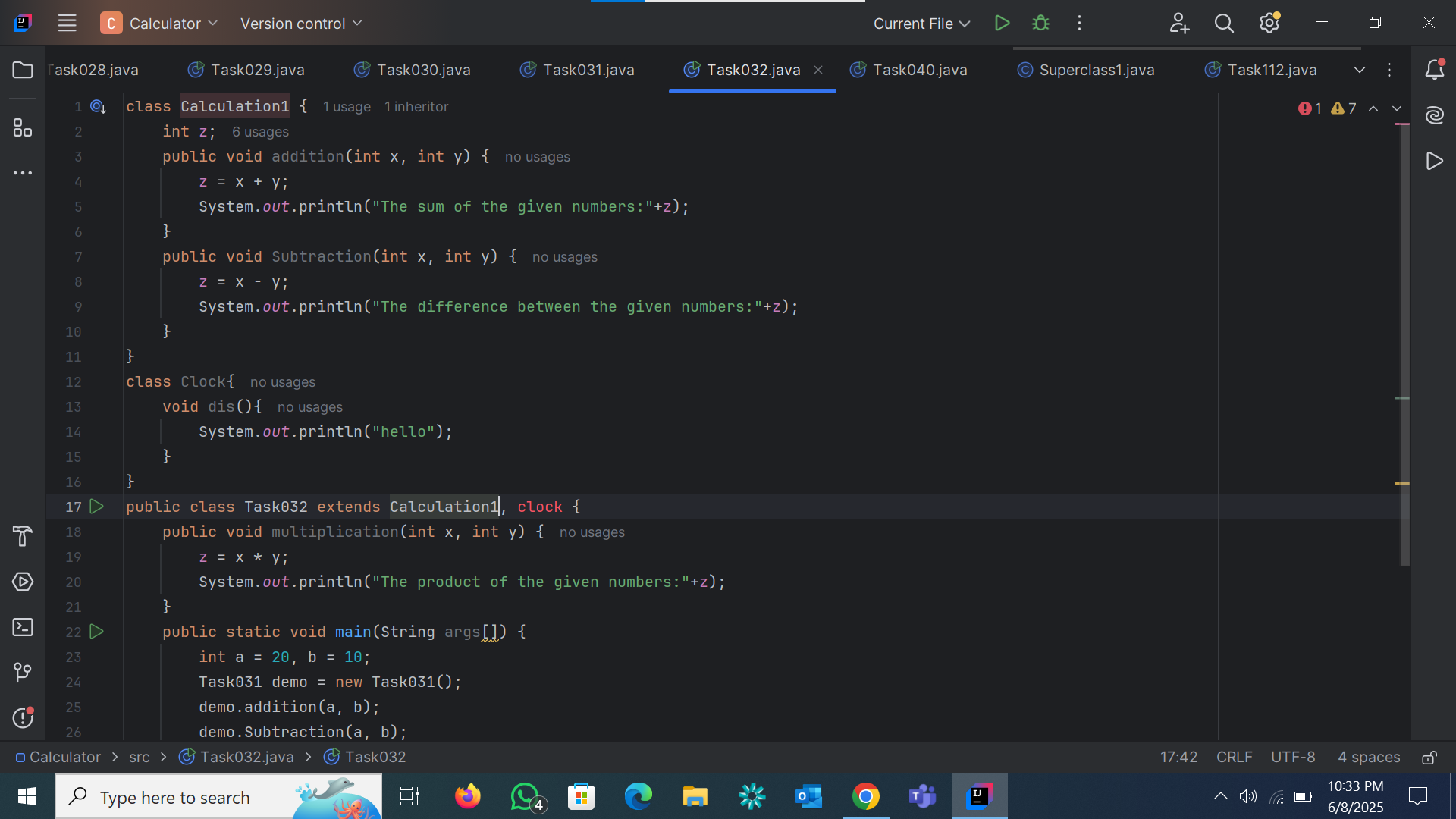
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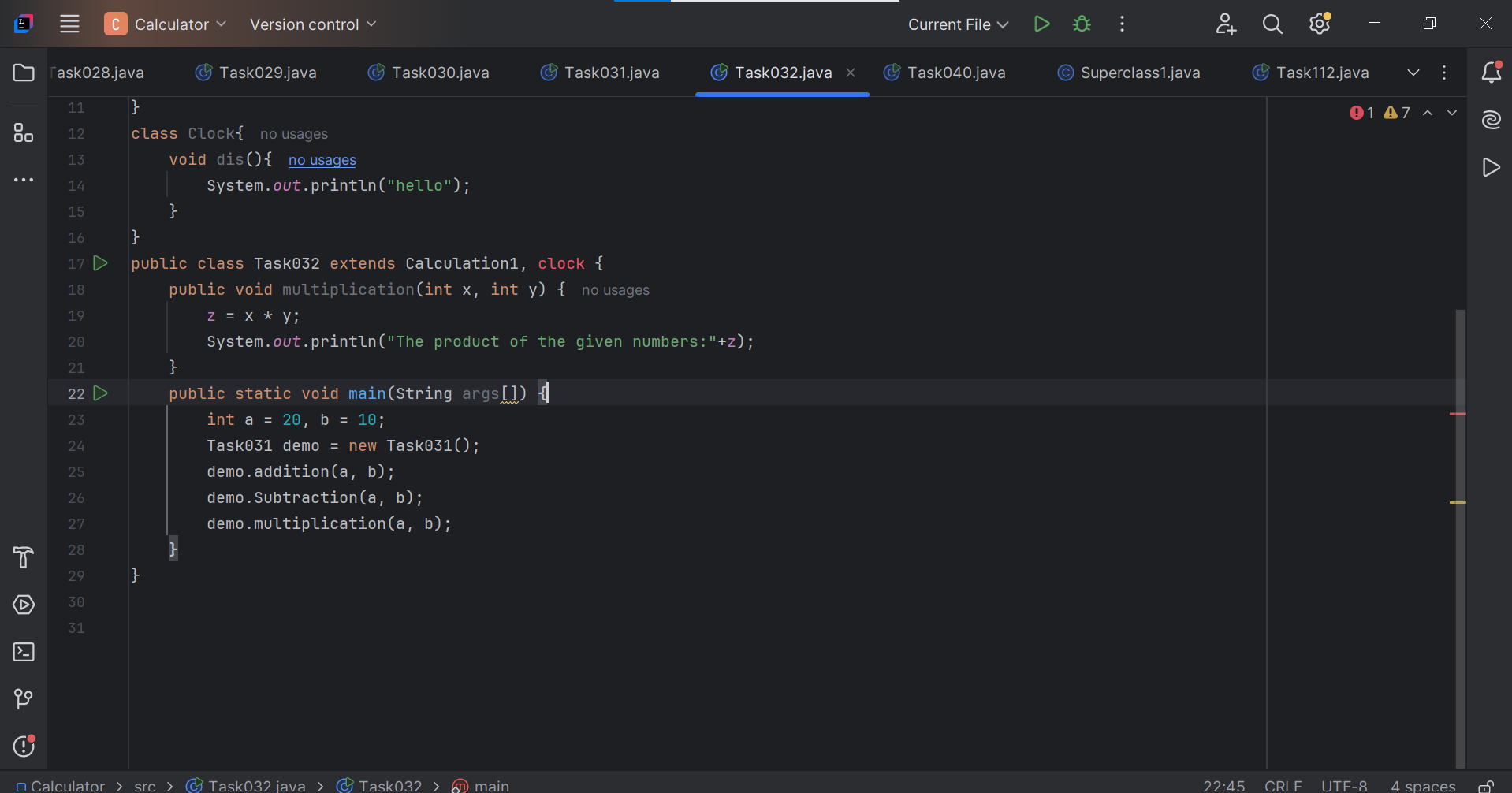
**Task 031**

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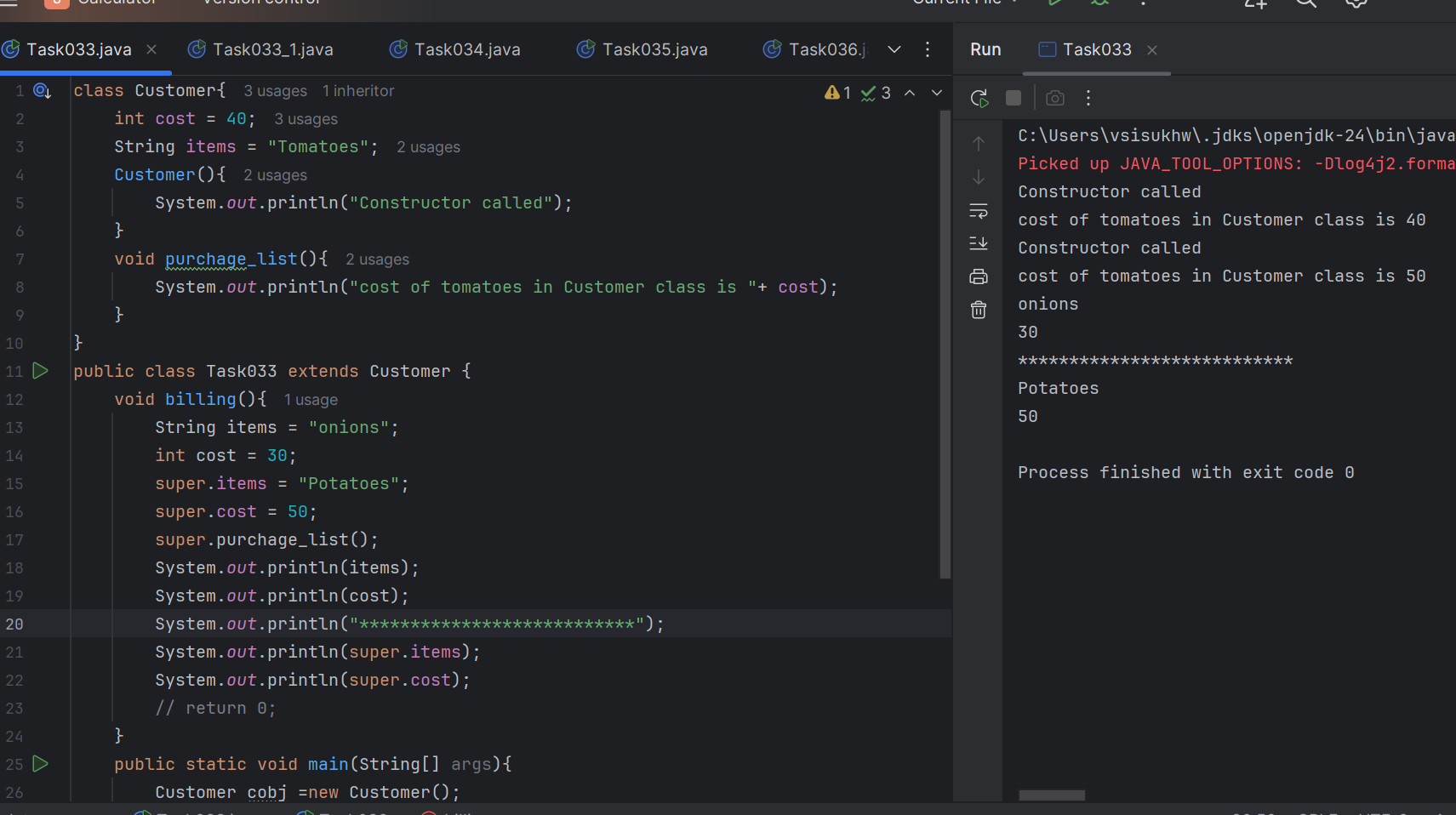
**Task 032**

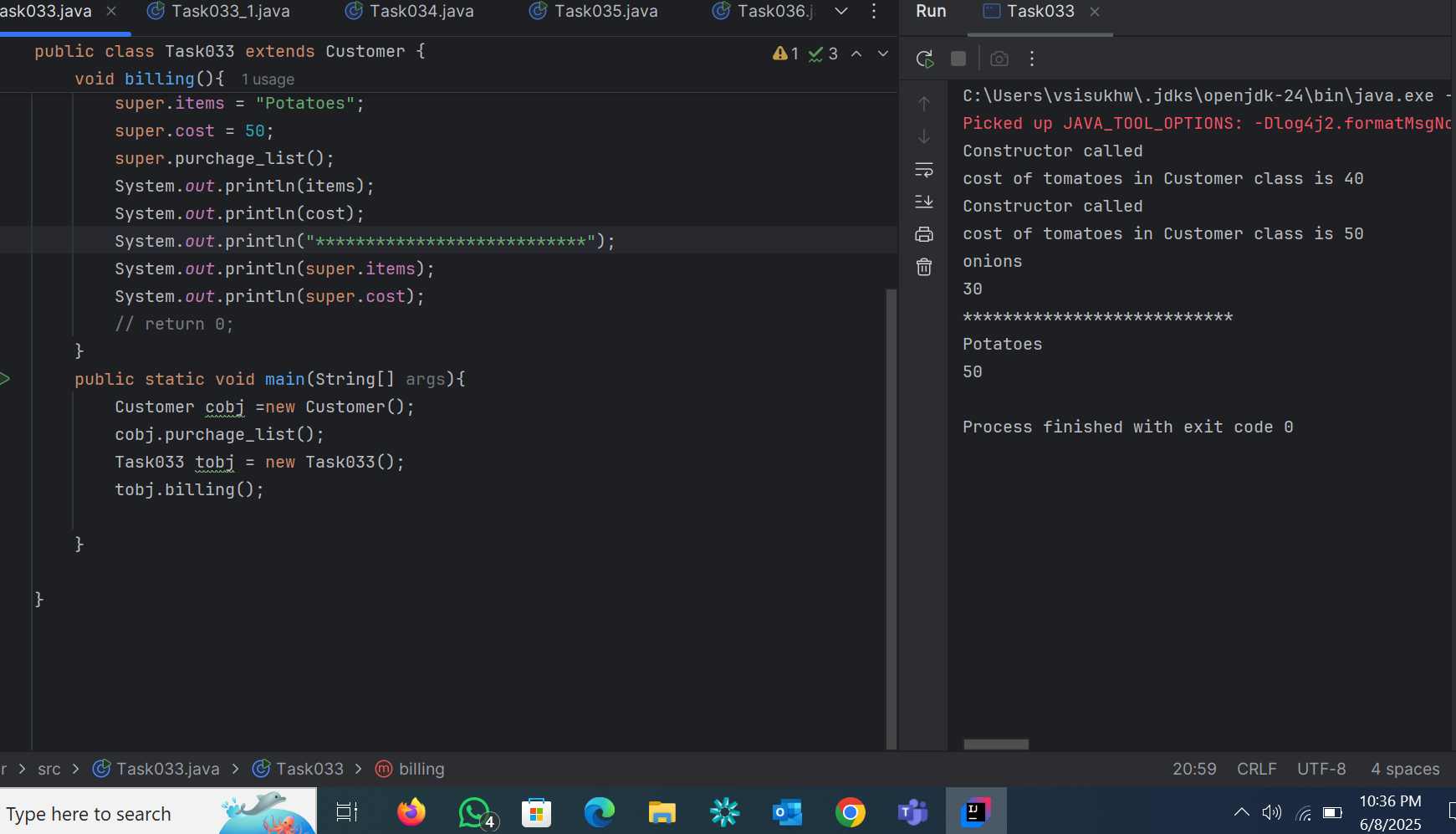
**Here , its shown that multiple inheritance is not supported in java, it will show ERROR, when we extend two classes .**

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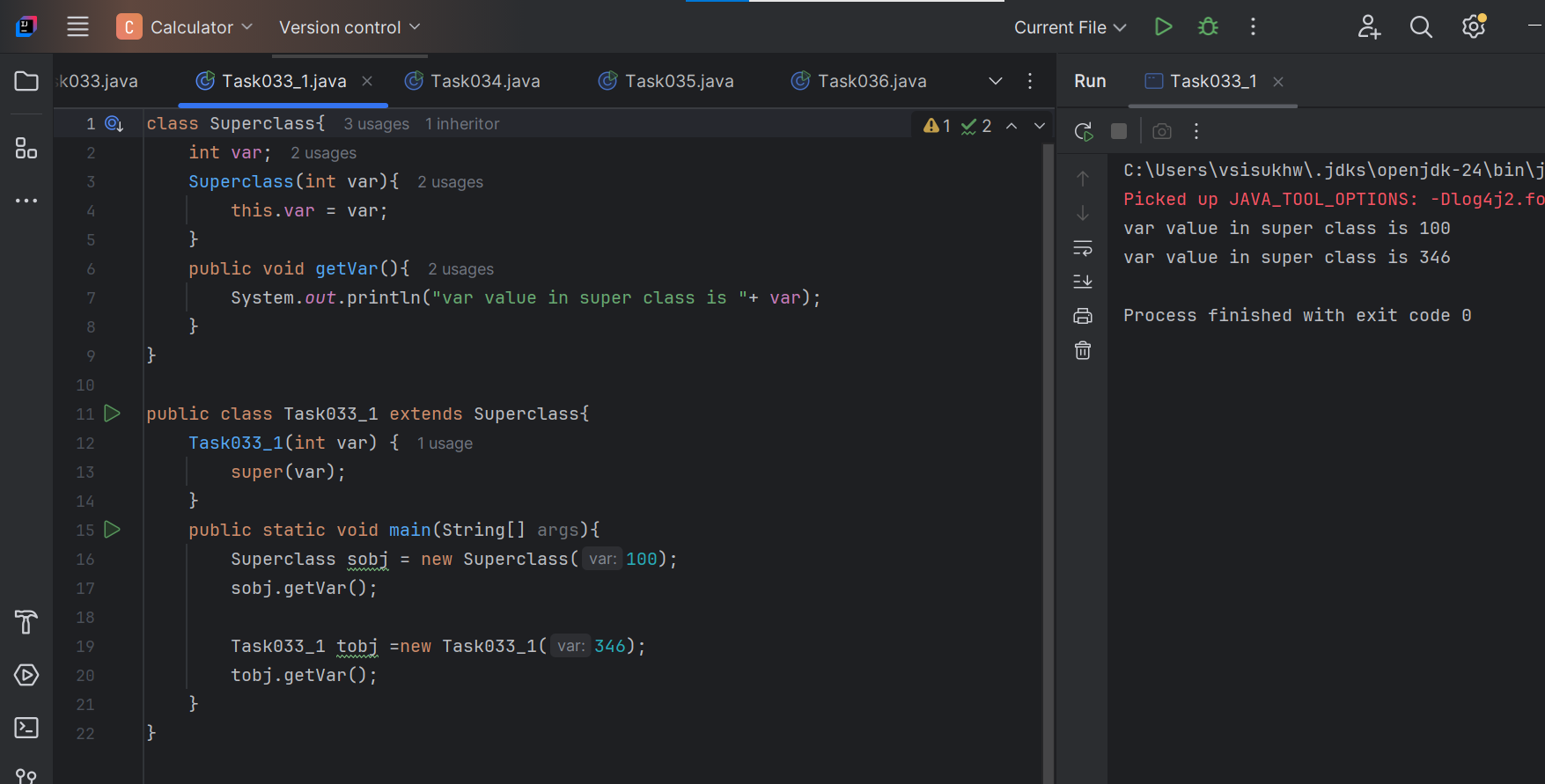
****

**Task 033**

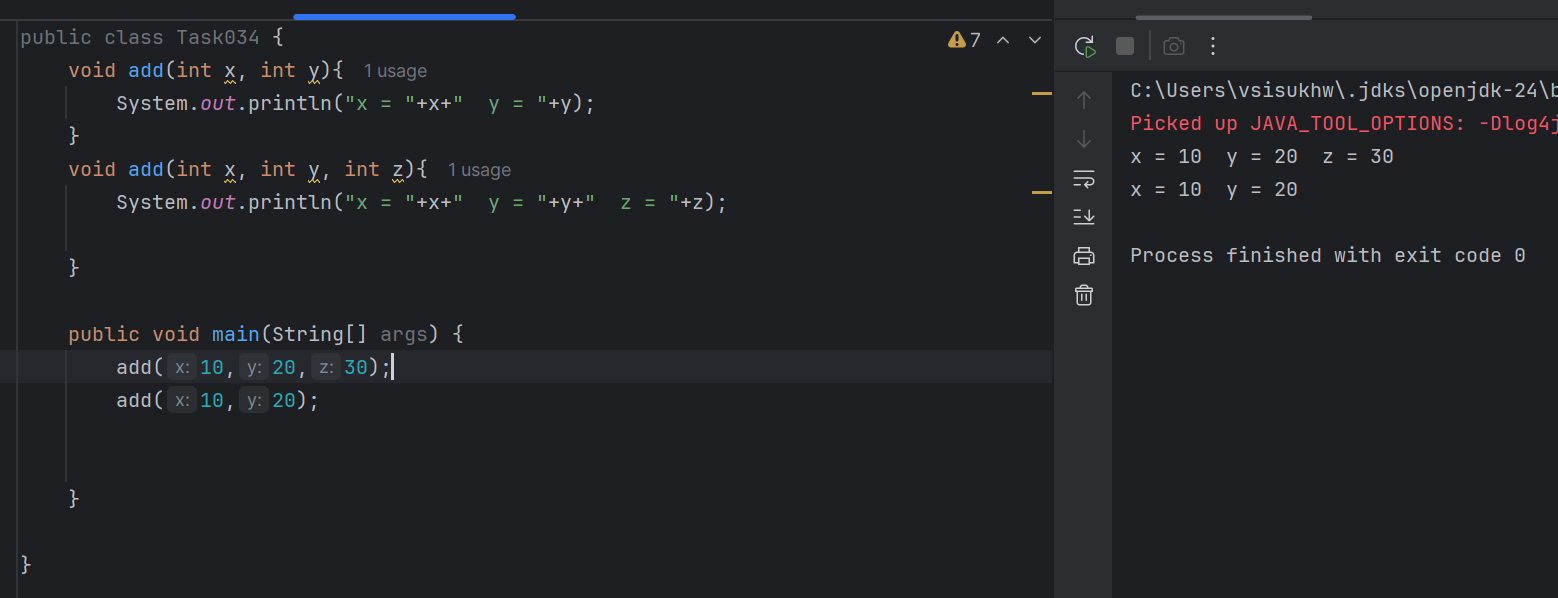
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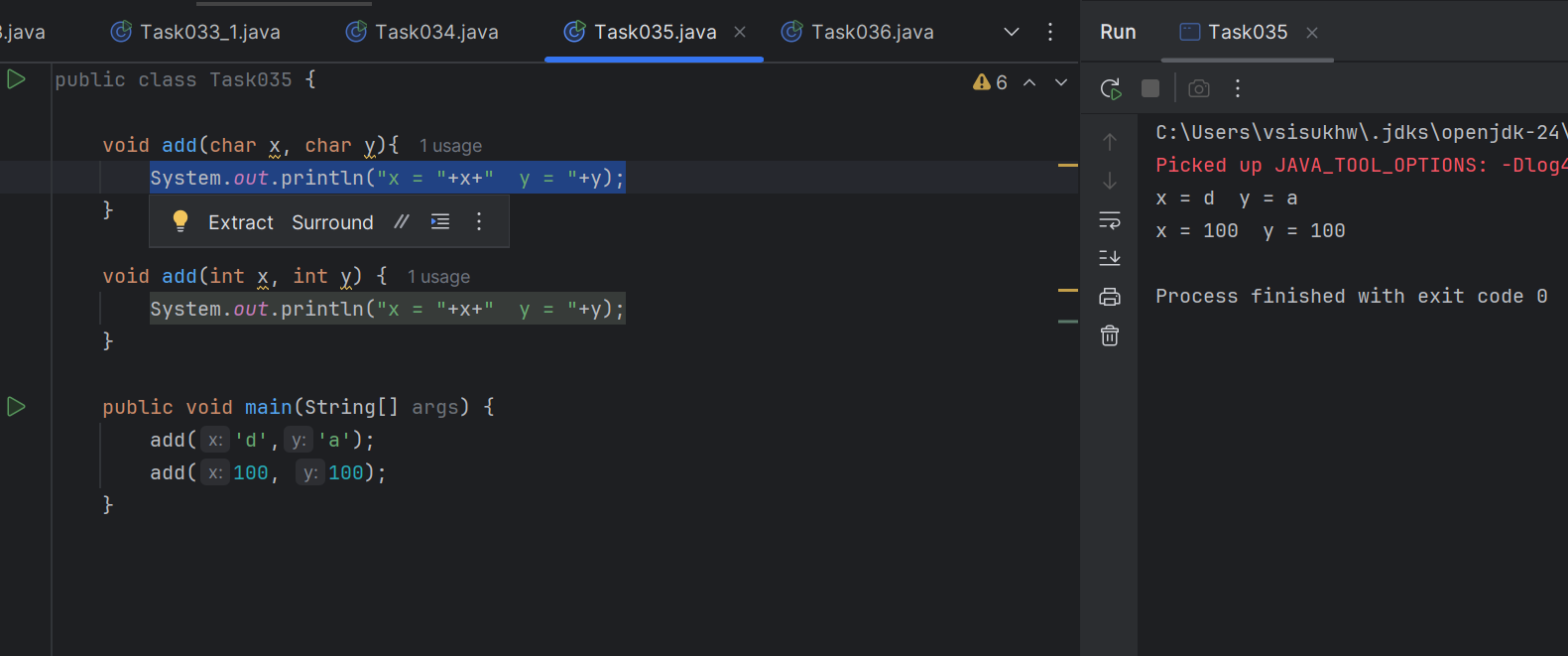
**Task 033\_1**

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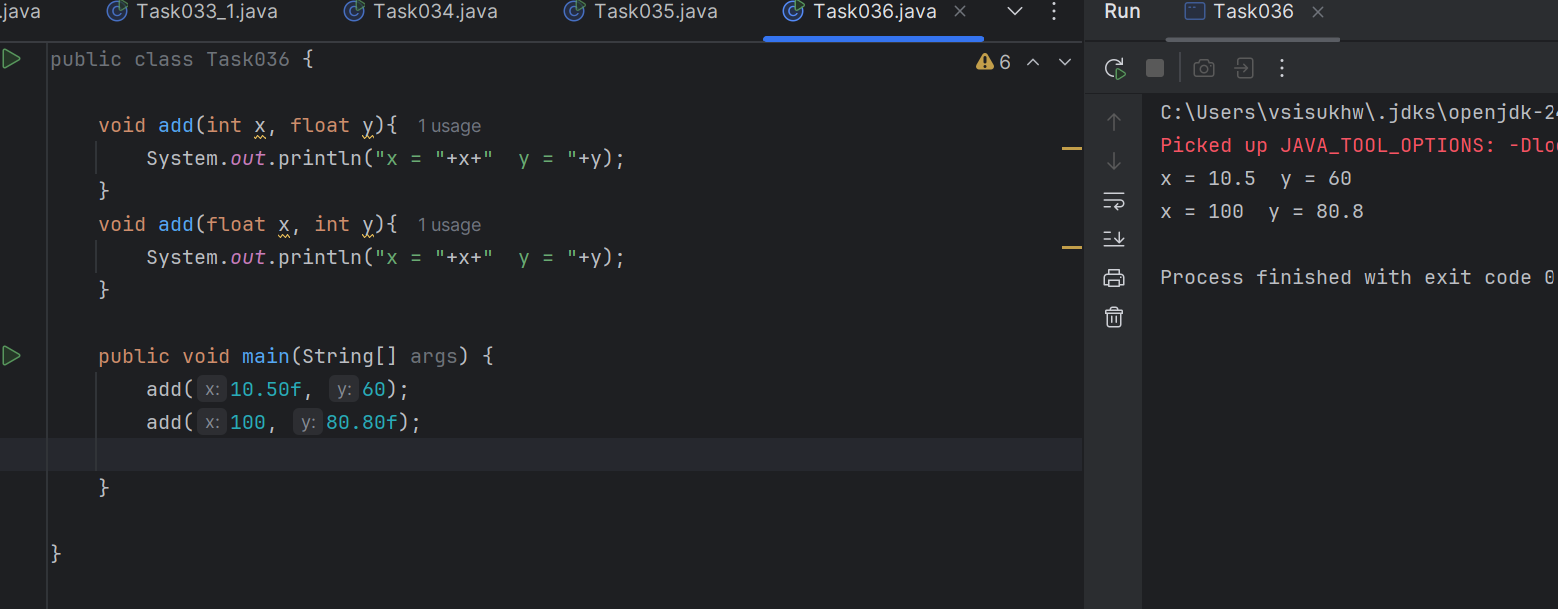
**Task 034**

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**Task 035**

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**Task 036**

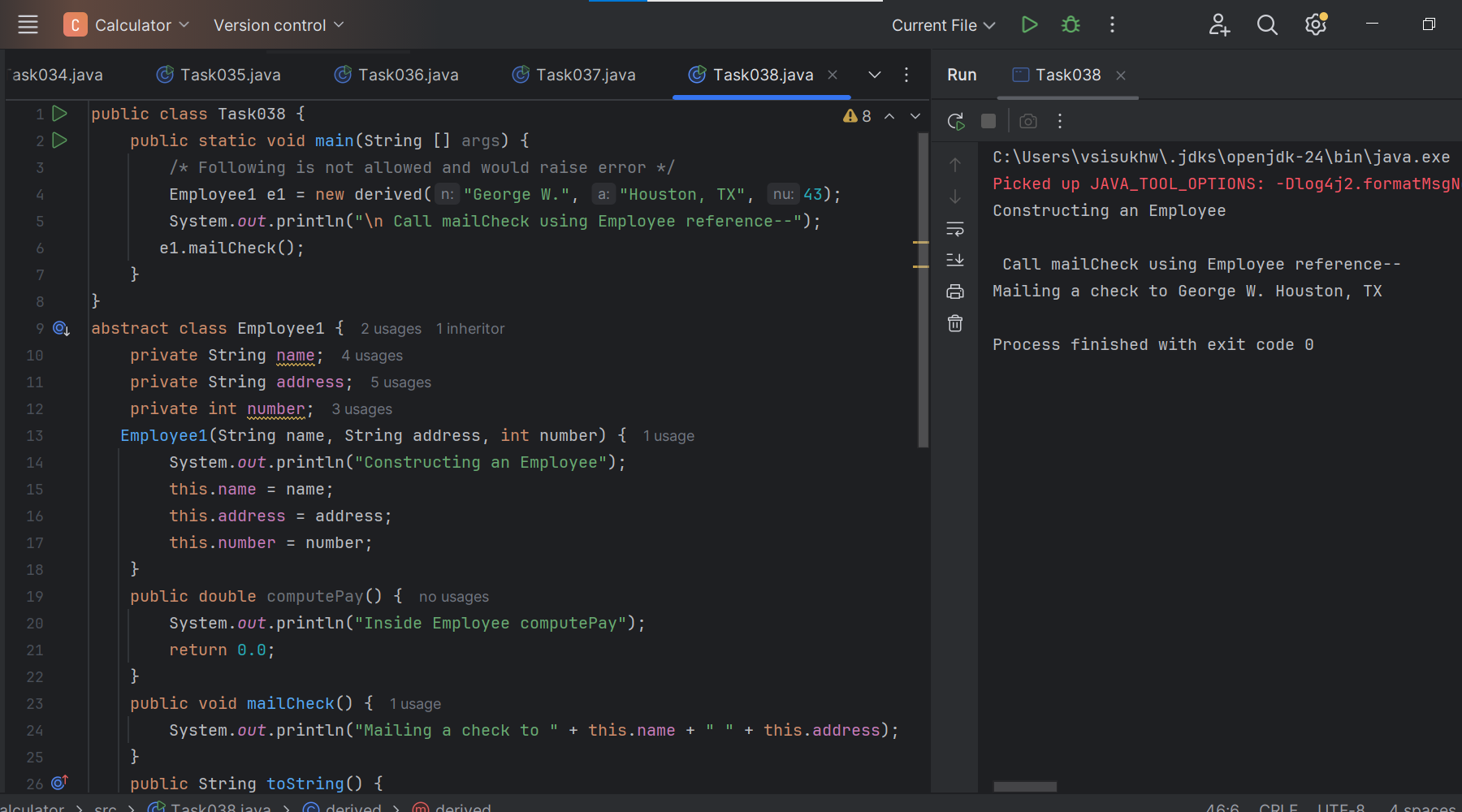
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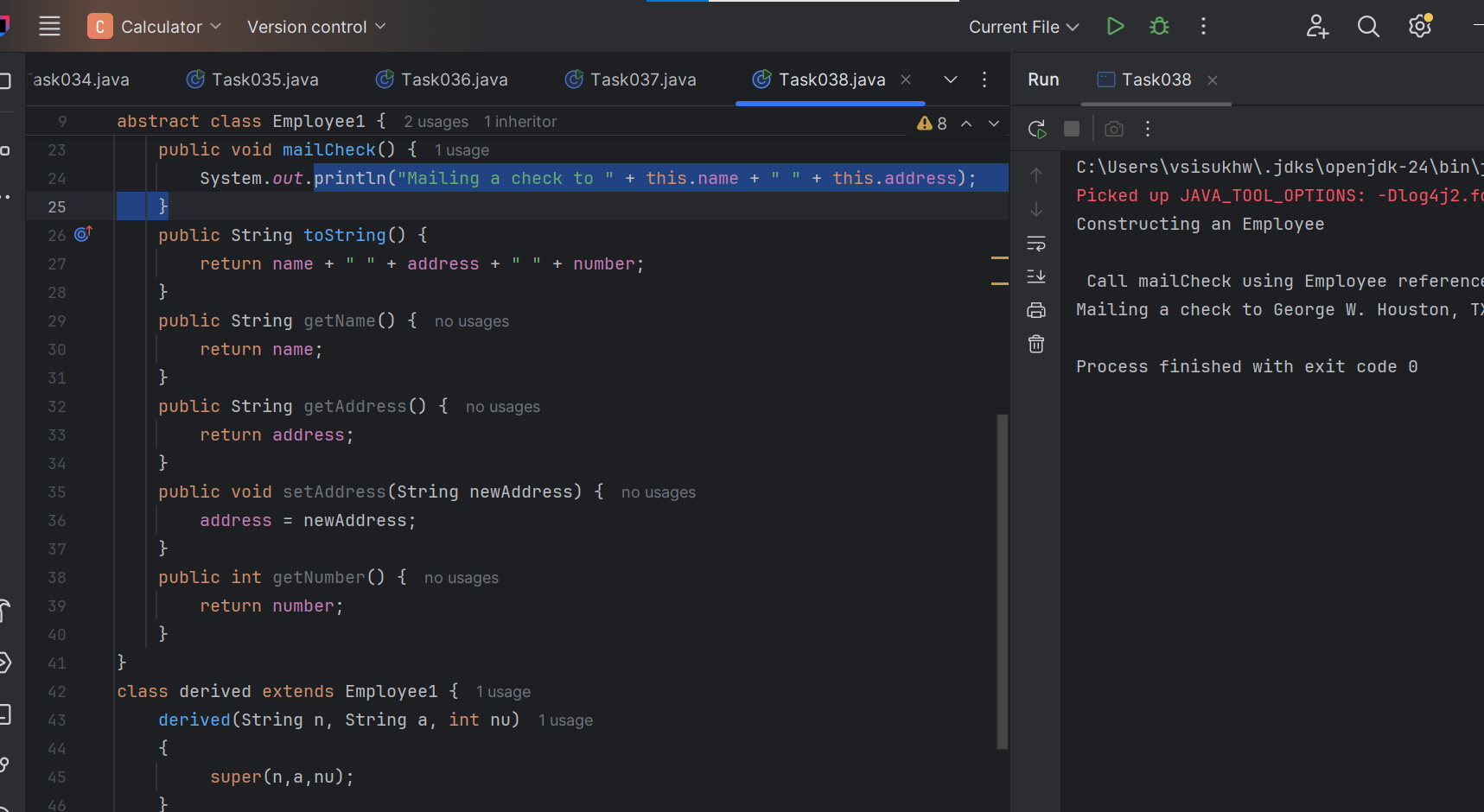
**Task 037**

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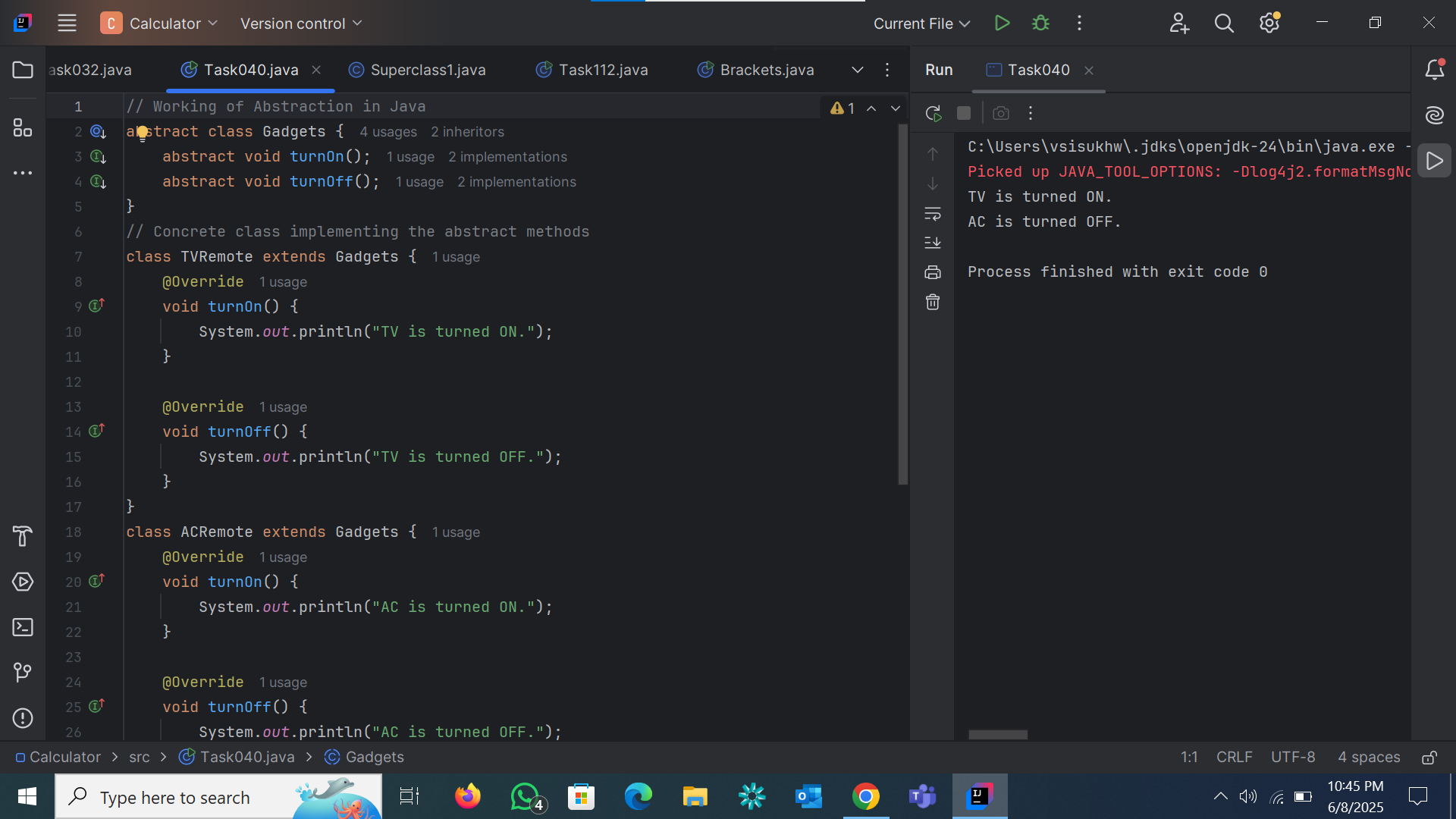
**It will not work if we comment off the commented statements, as pwd is private variable.**

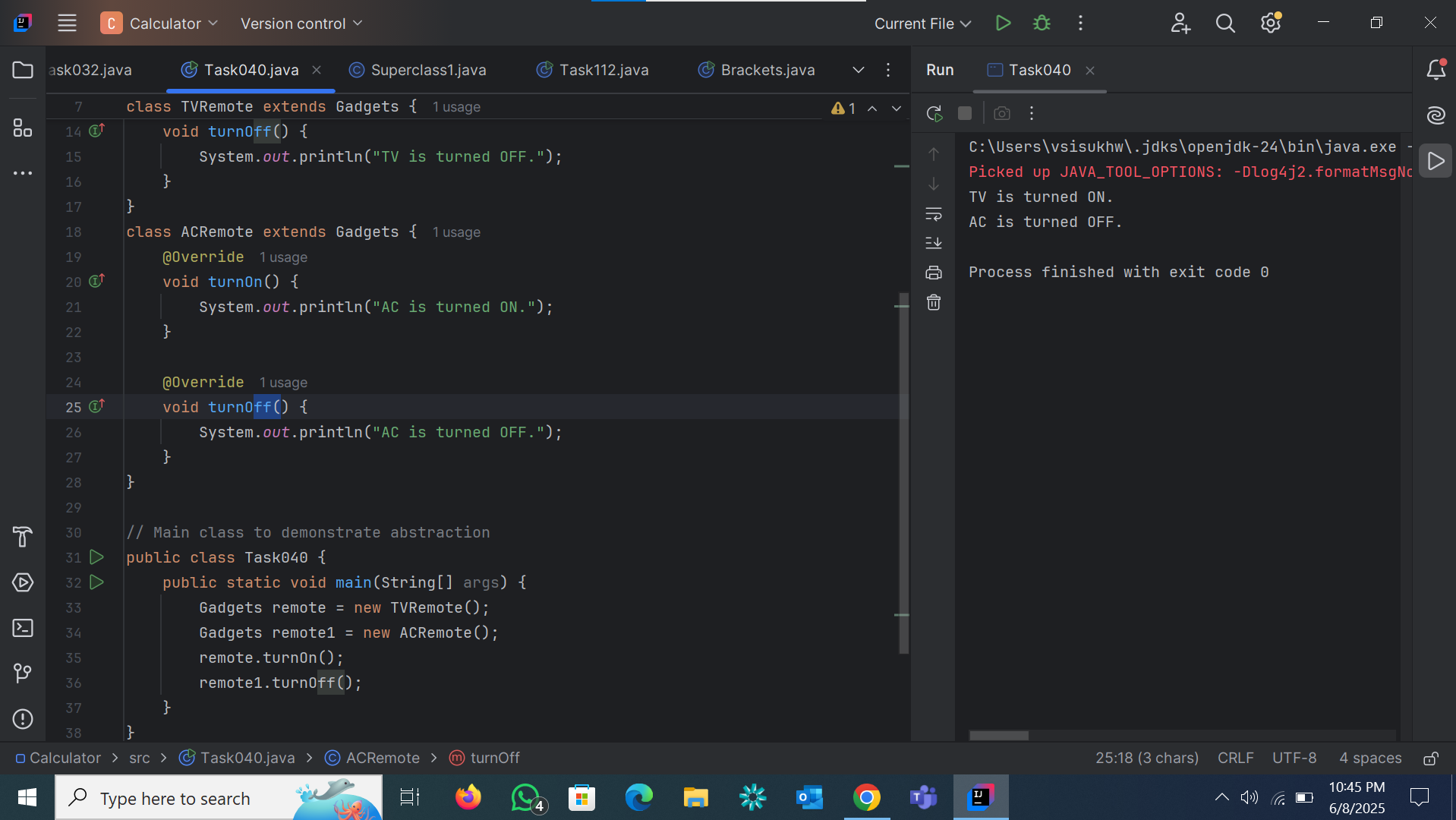
**Task 038 and Task 039**

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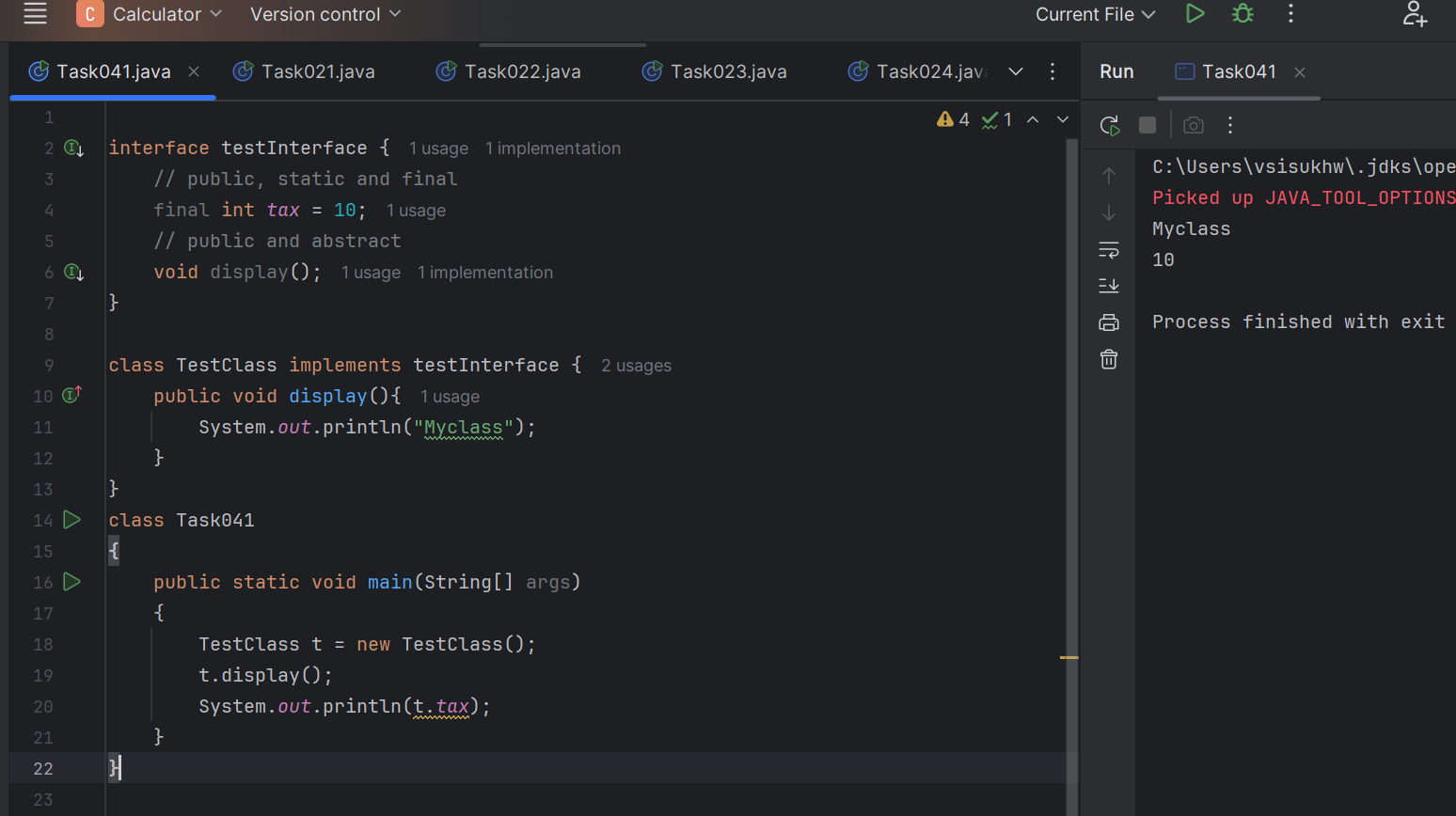
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**Task 040**

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**Task 041**

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**Task 042**

**Final and constant differance**

final is a modifier in Java that can be applied to:

* Variables (fields, local, parameters)
* Methods
* Classes

In Java, a constant is a final variable that is also:

* public static final
* Typically written in UPPERCASE letters
* Assigned a value at the time of declaration