**JAVA DAY 3 ASSIGNMENT 3 DT:21.07.2022**

**Q:1)Complete the code by running main in different class?**

**class CPU {**

**double price;**

**// nested class**

**class Processor{**

**// members of nested class**

**double cores;**

**String manufacturer;**

**double getCache(){**

**return 4.3;**

**}**

**}**

**// nested protected class**

**protected class RAM{**

**// members of protected nested class**

**double memory;**

**String manufacturer;**

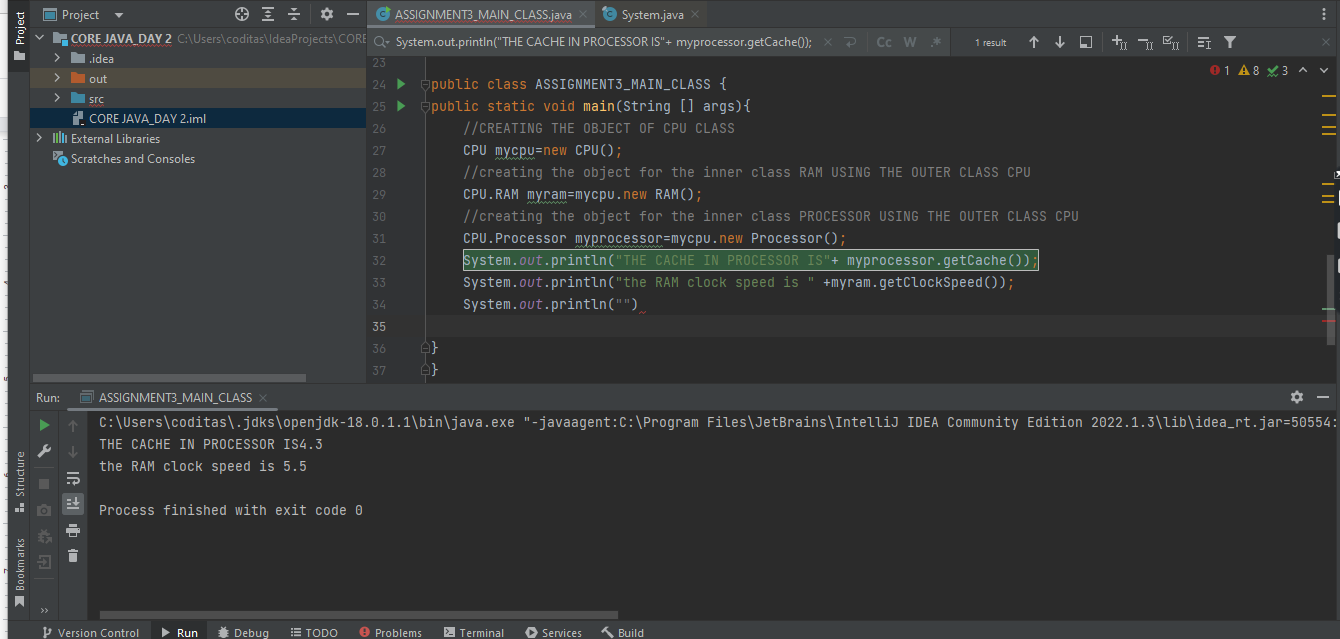
**double getClockSpeed(){**

**return 5.5;**

**}**

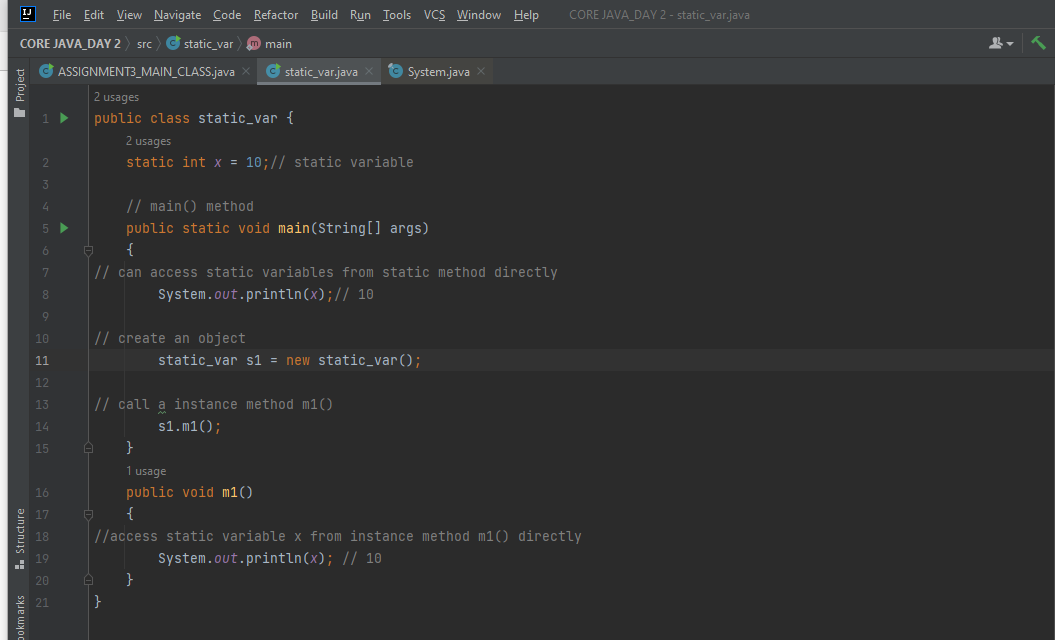
**}**

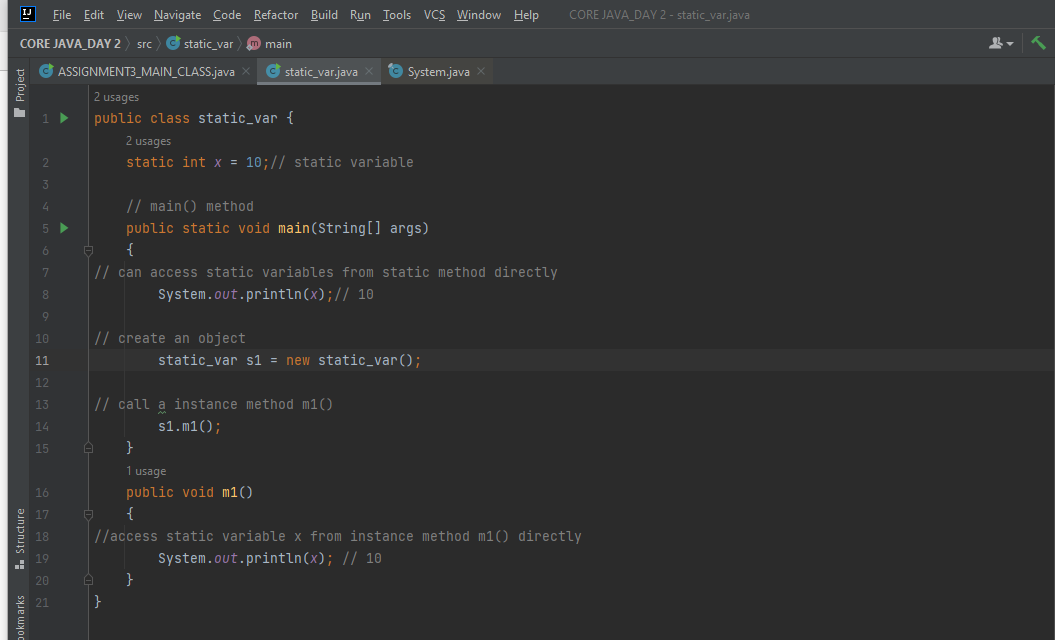
**}**

**Ans:1) **

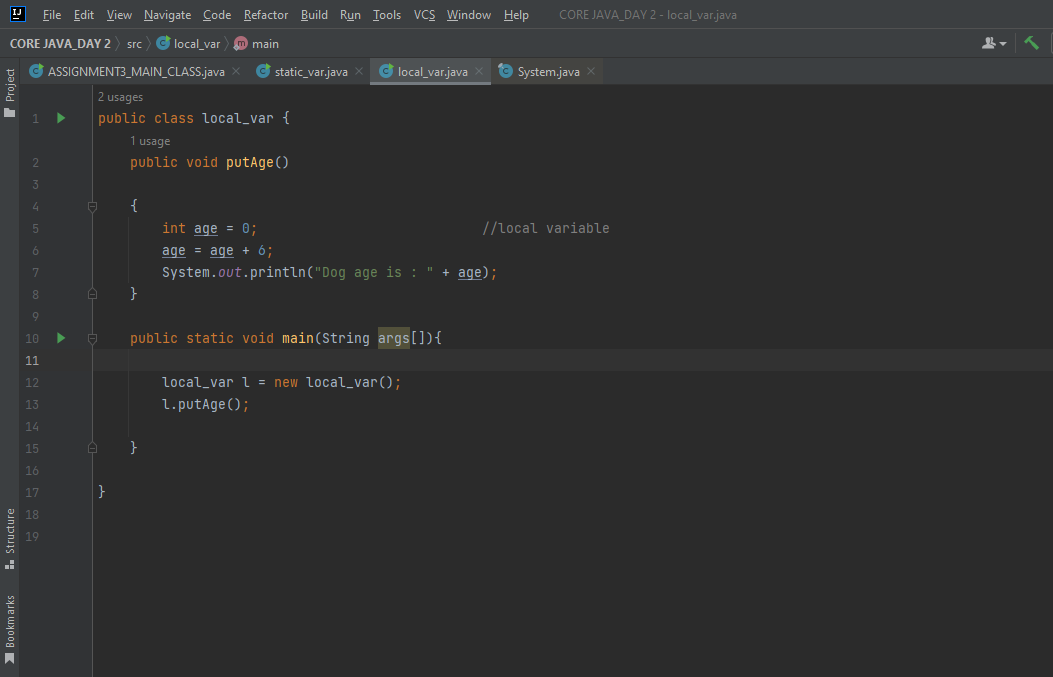
**Q:2)Write a program on local,instance and static variables?**

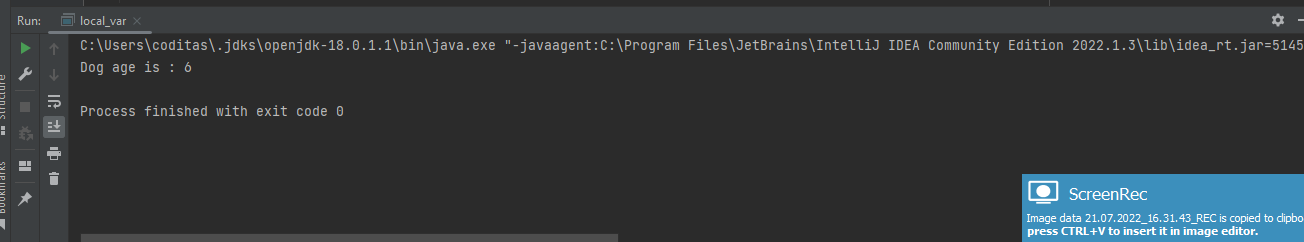
**Ans:1)Static variable:**

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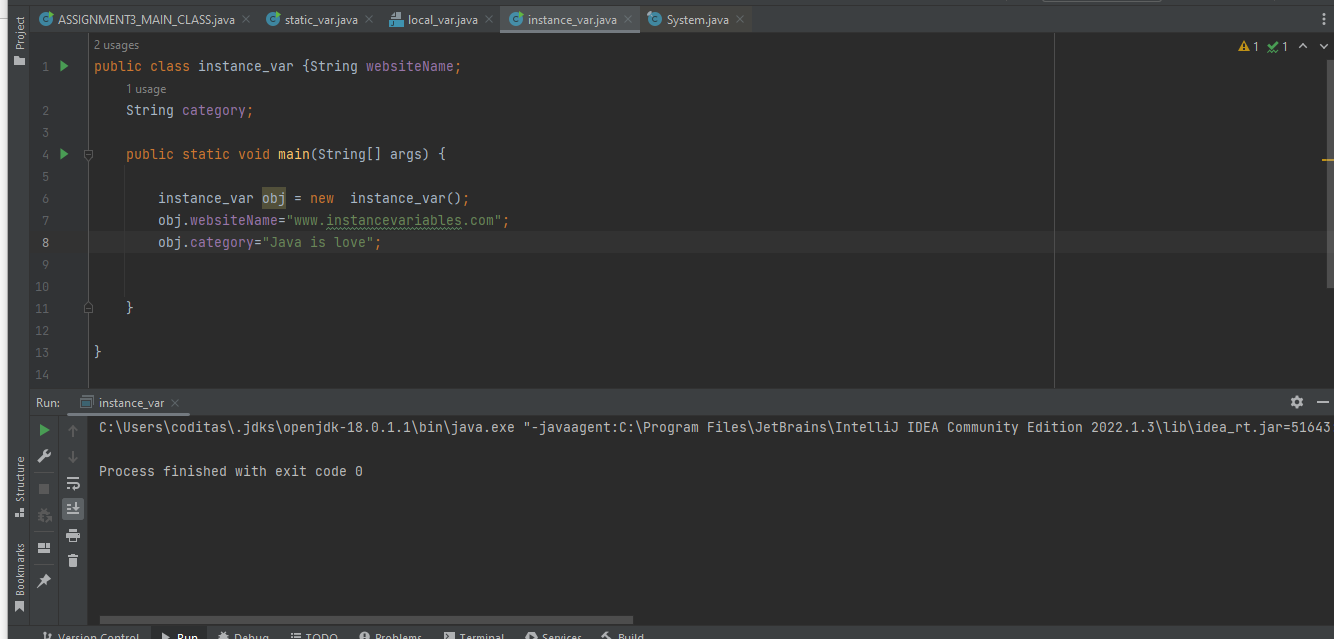
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**Local variables:-**

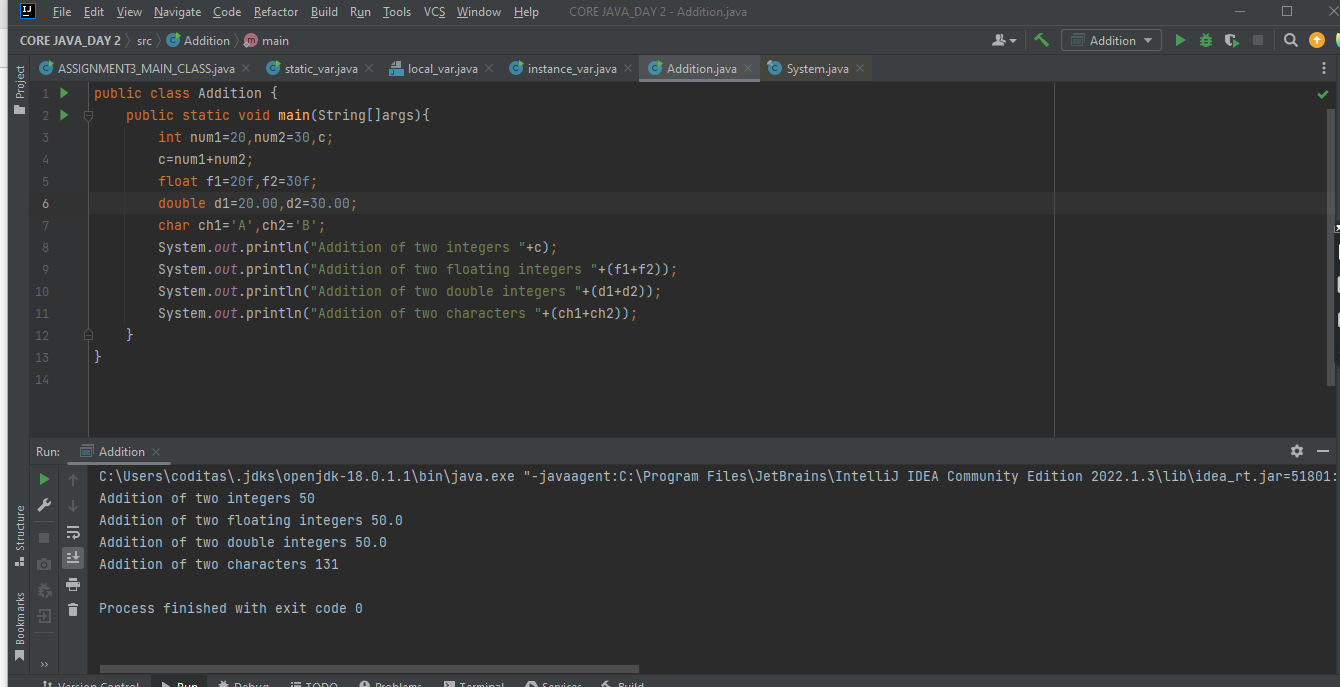
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**Instance variables:**

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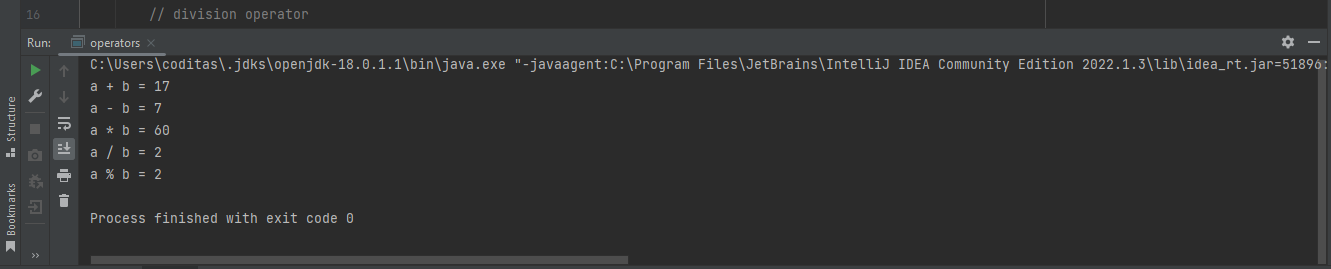
**Q:4)Addition of two same data type variables into the same third data type variables?**

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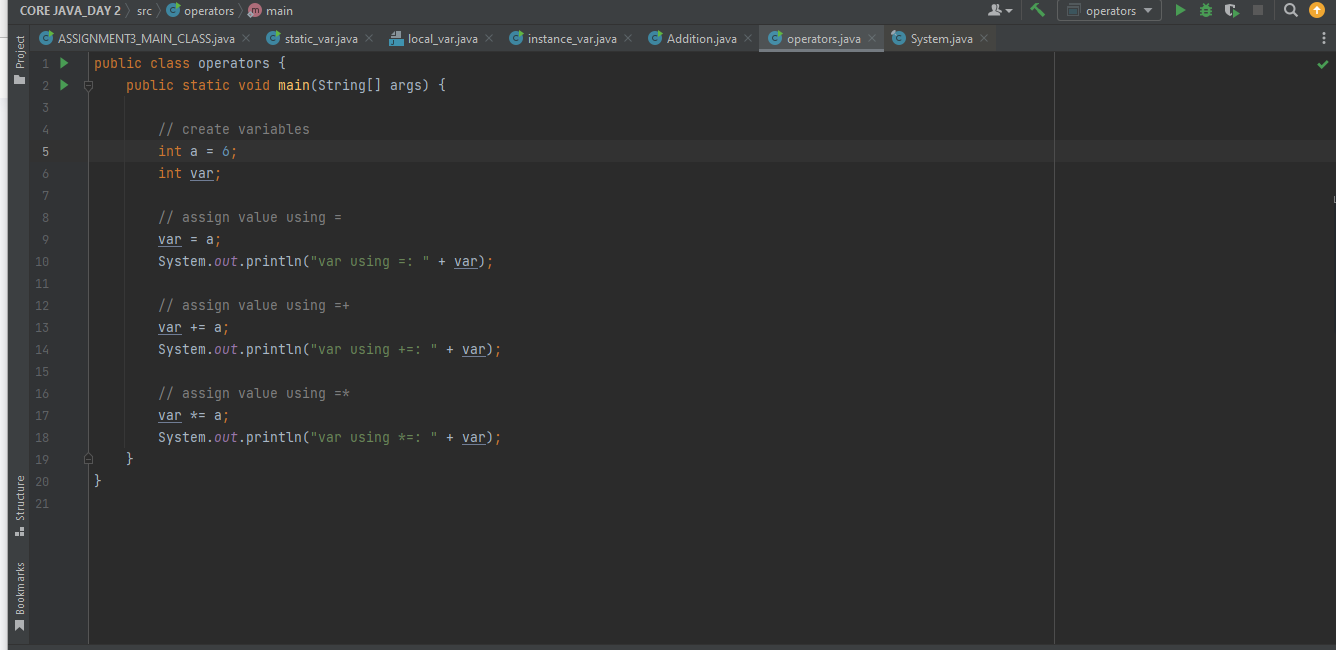
**Q:3)Write a program on operators and explore the concept of Operators and state the differences between logical and bitwise operators?**

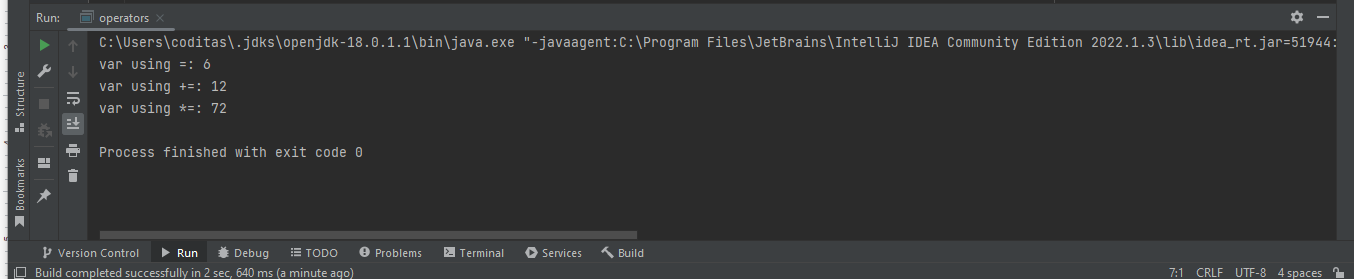
**Ans:1)Arithmetic operators:**

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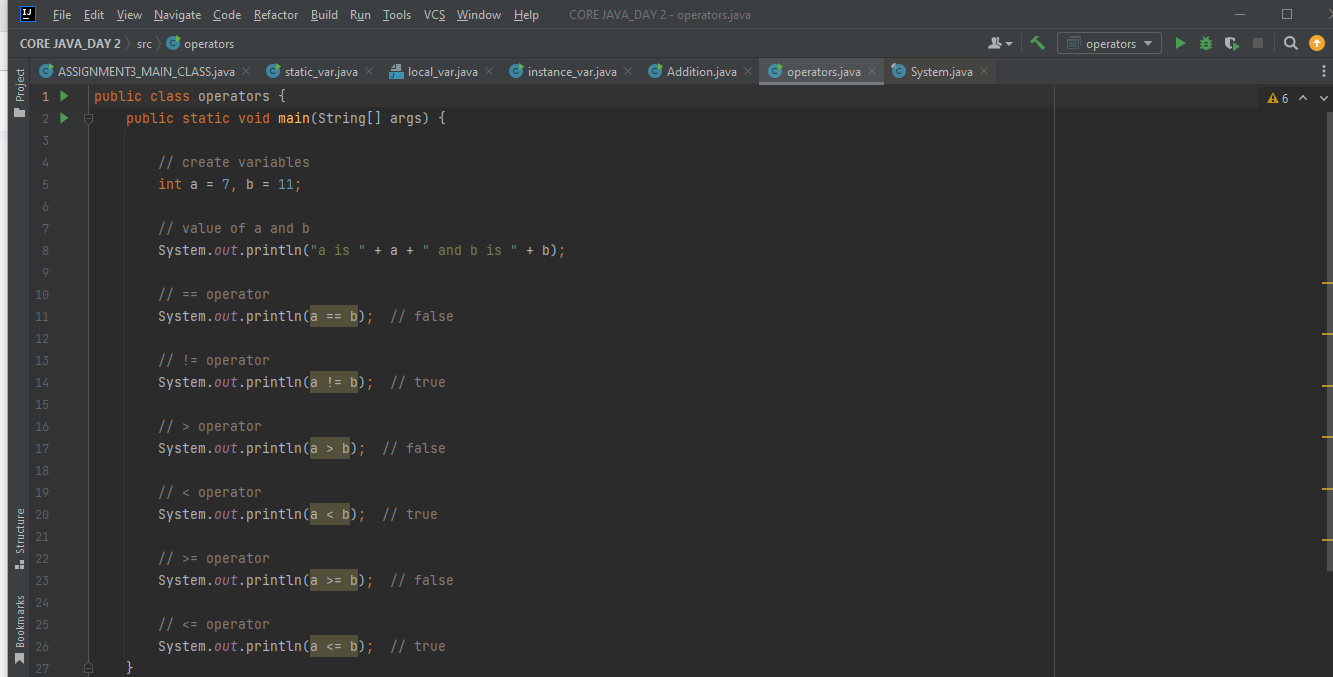
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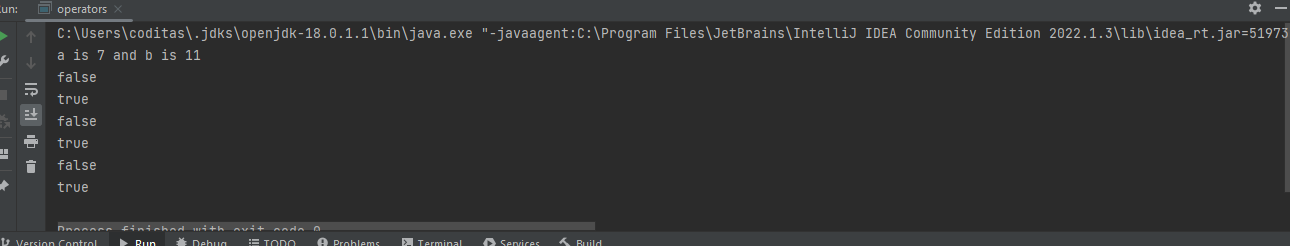
**ASSIGNMENT OPERATORS:**

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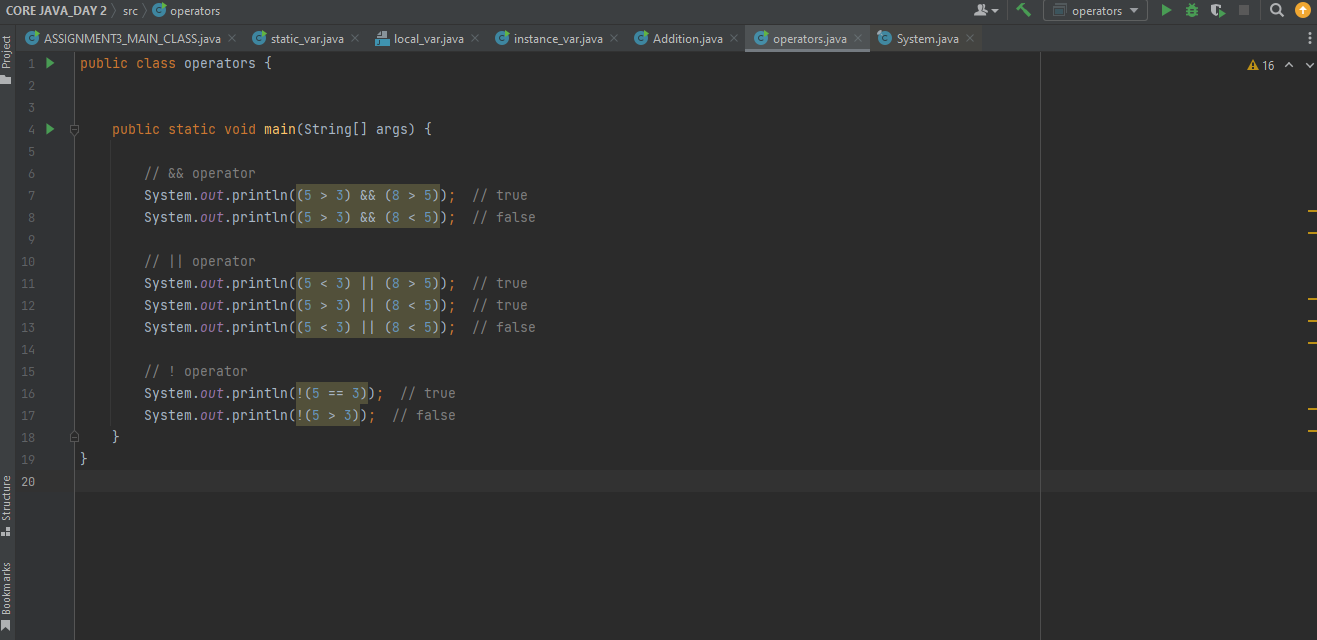
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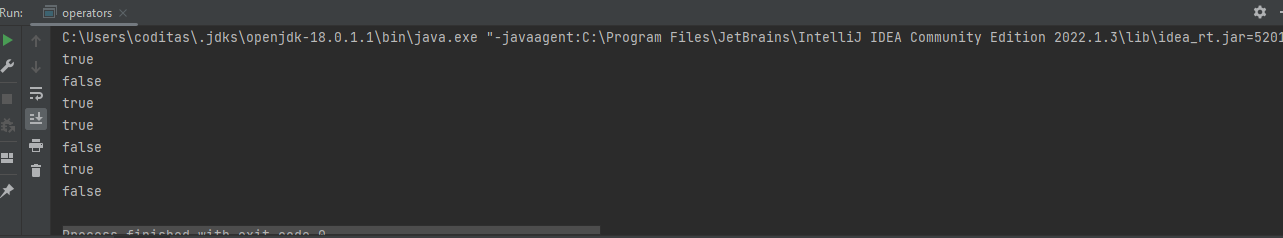
**RELATIONAL OPERATORS:**

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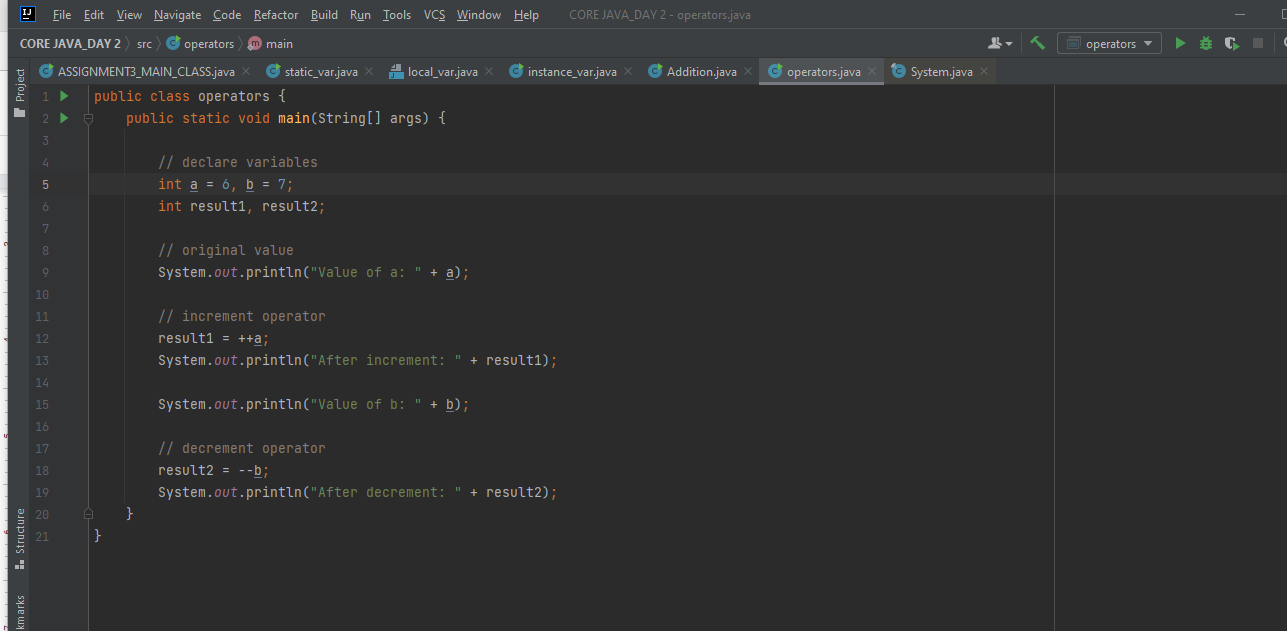
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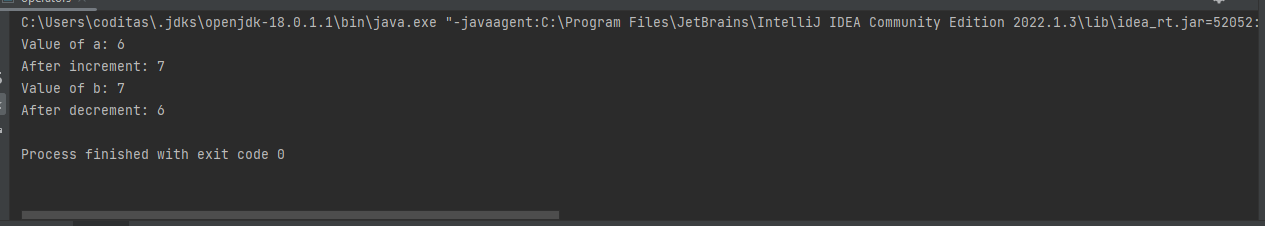
**LOGICAL OPERATORS:**

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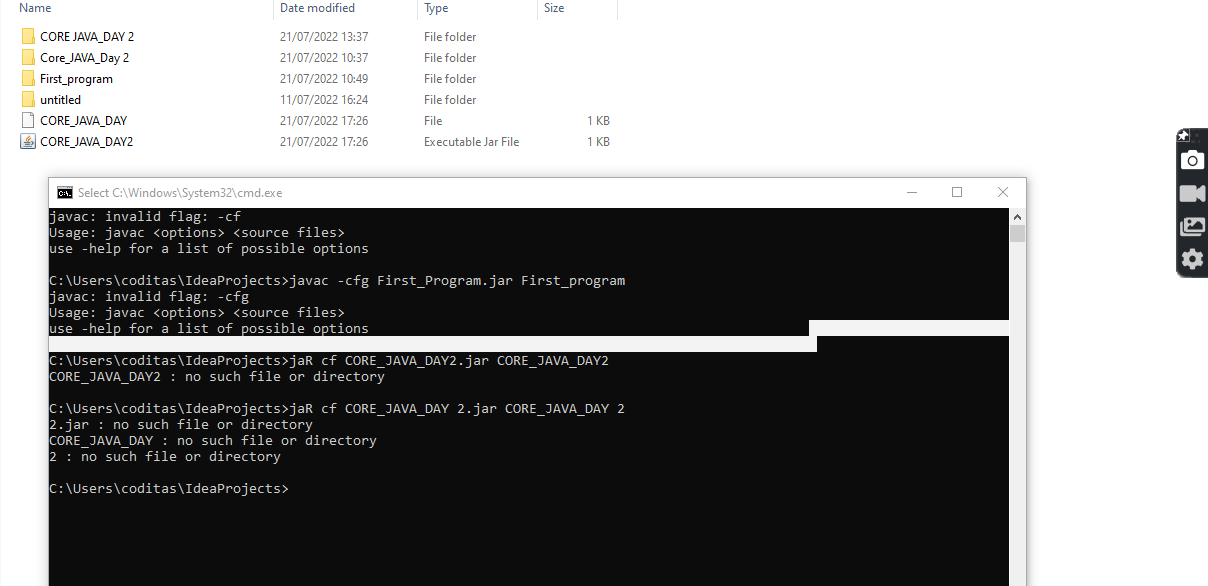
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**INCREMENT AND DECREMENT OPERATORS:**

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**Q:5)Create .jar file of your project?**

**Ans:5)**