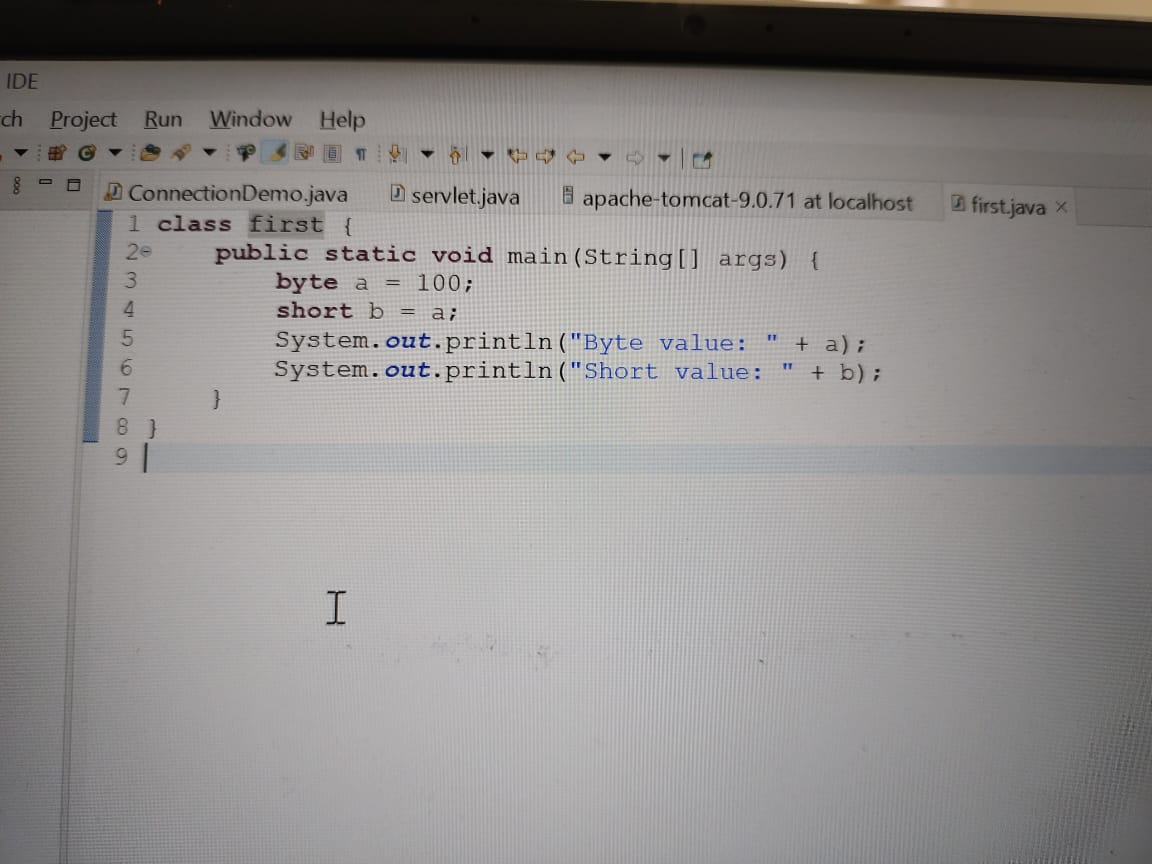
***TYPE CASTING***

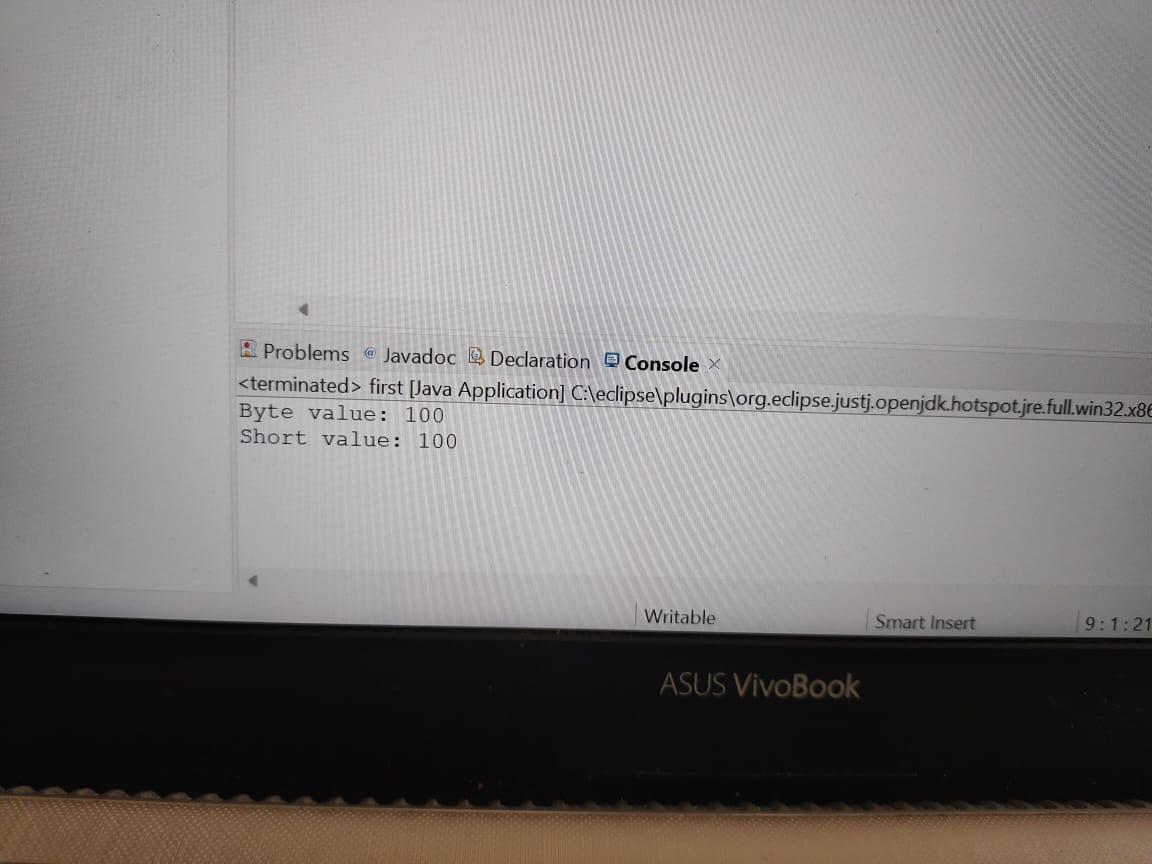
******

**BY**

**EEMANI VIVEK**

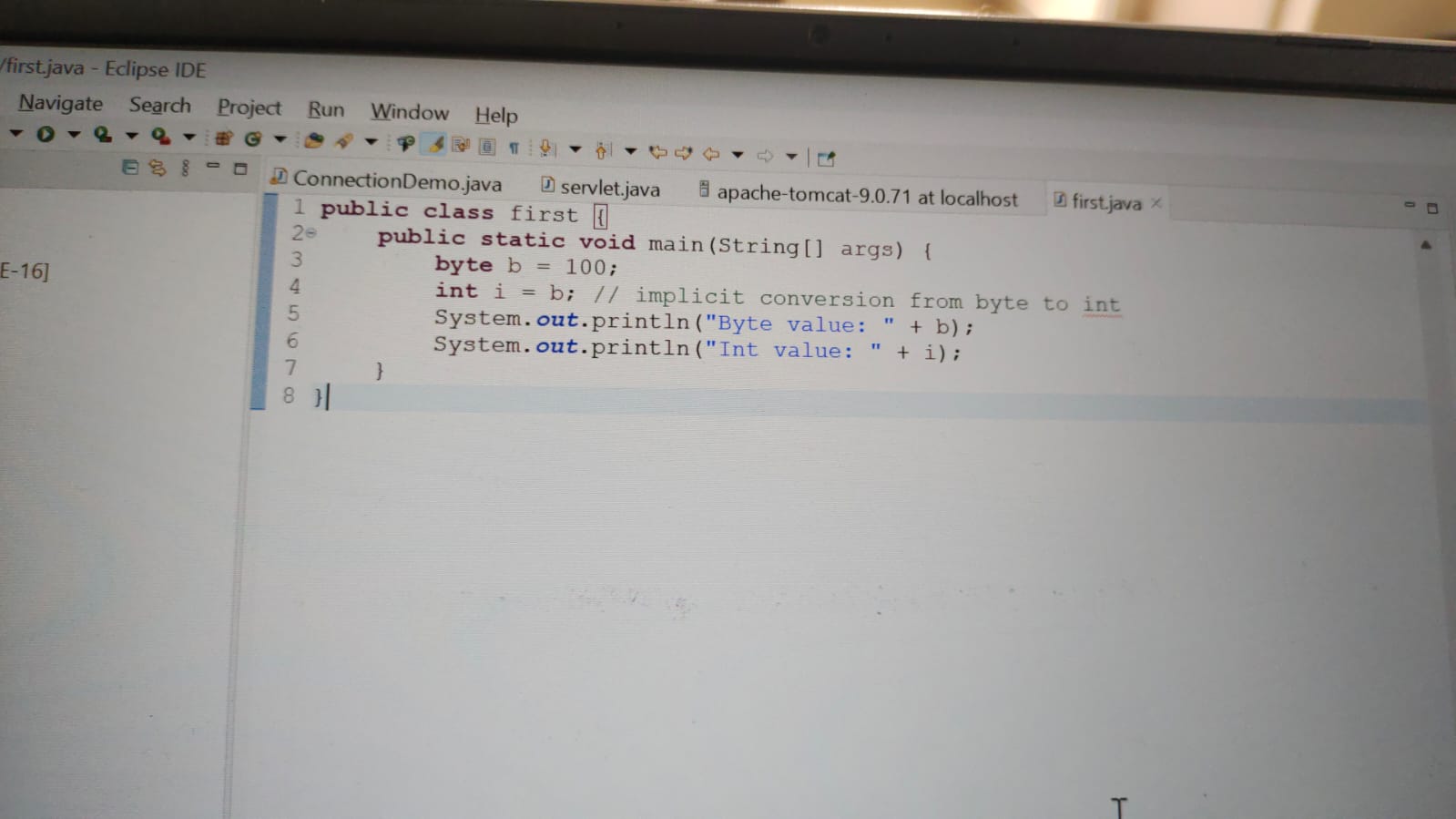
**BYTE TO SHORT**

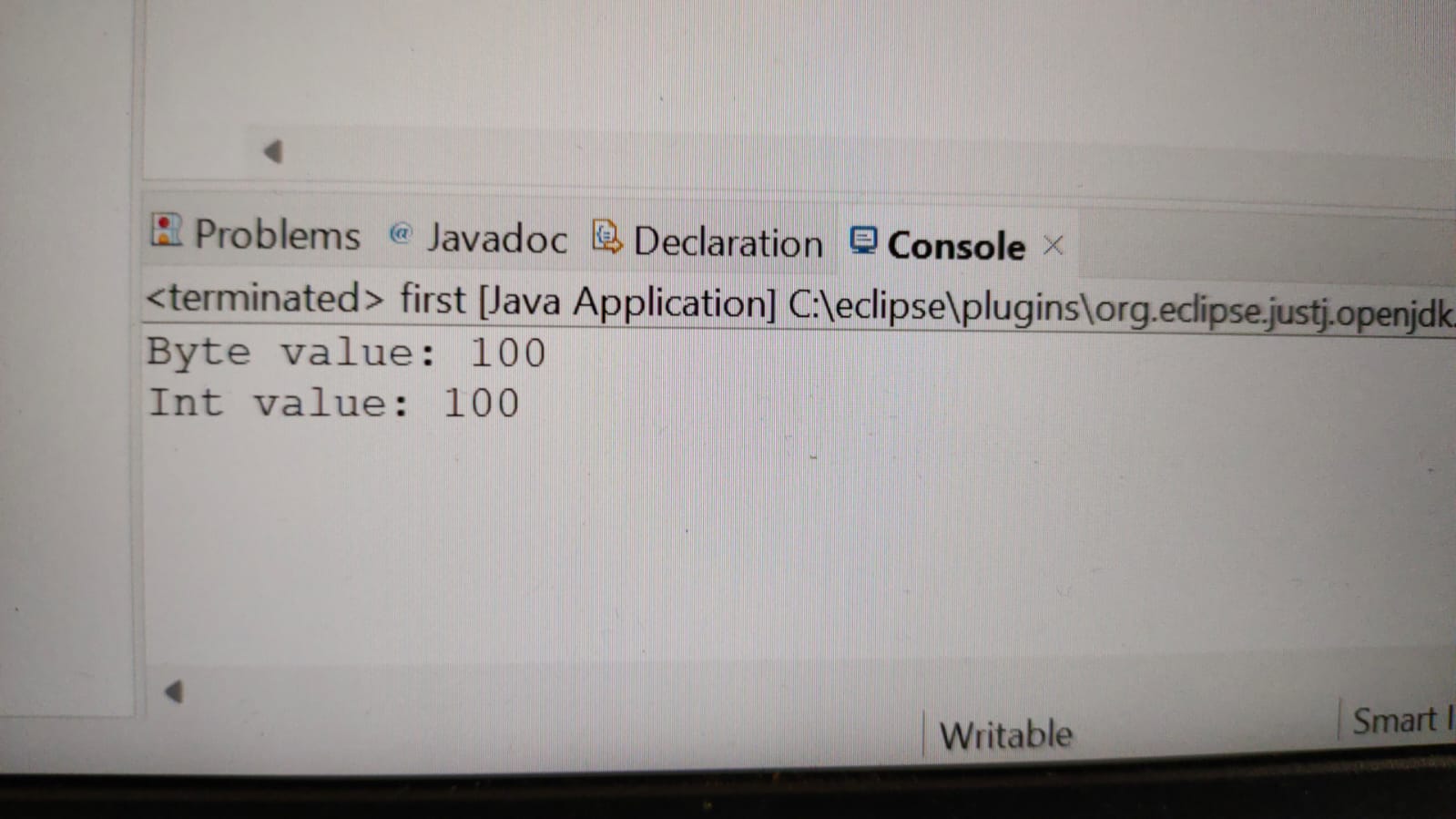
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**IMPLICIT CONVERSION**

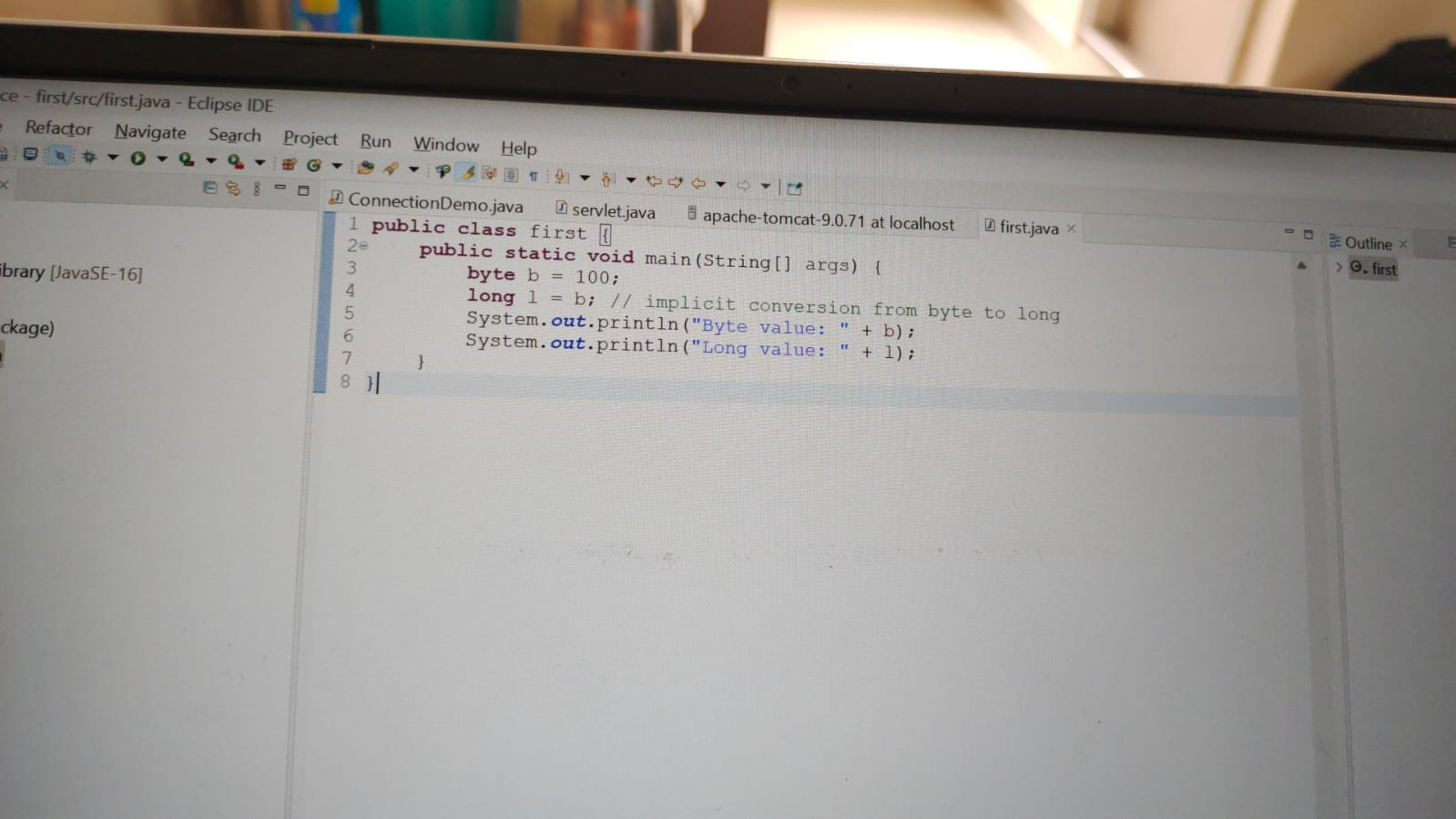
**BYTE TO INT**

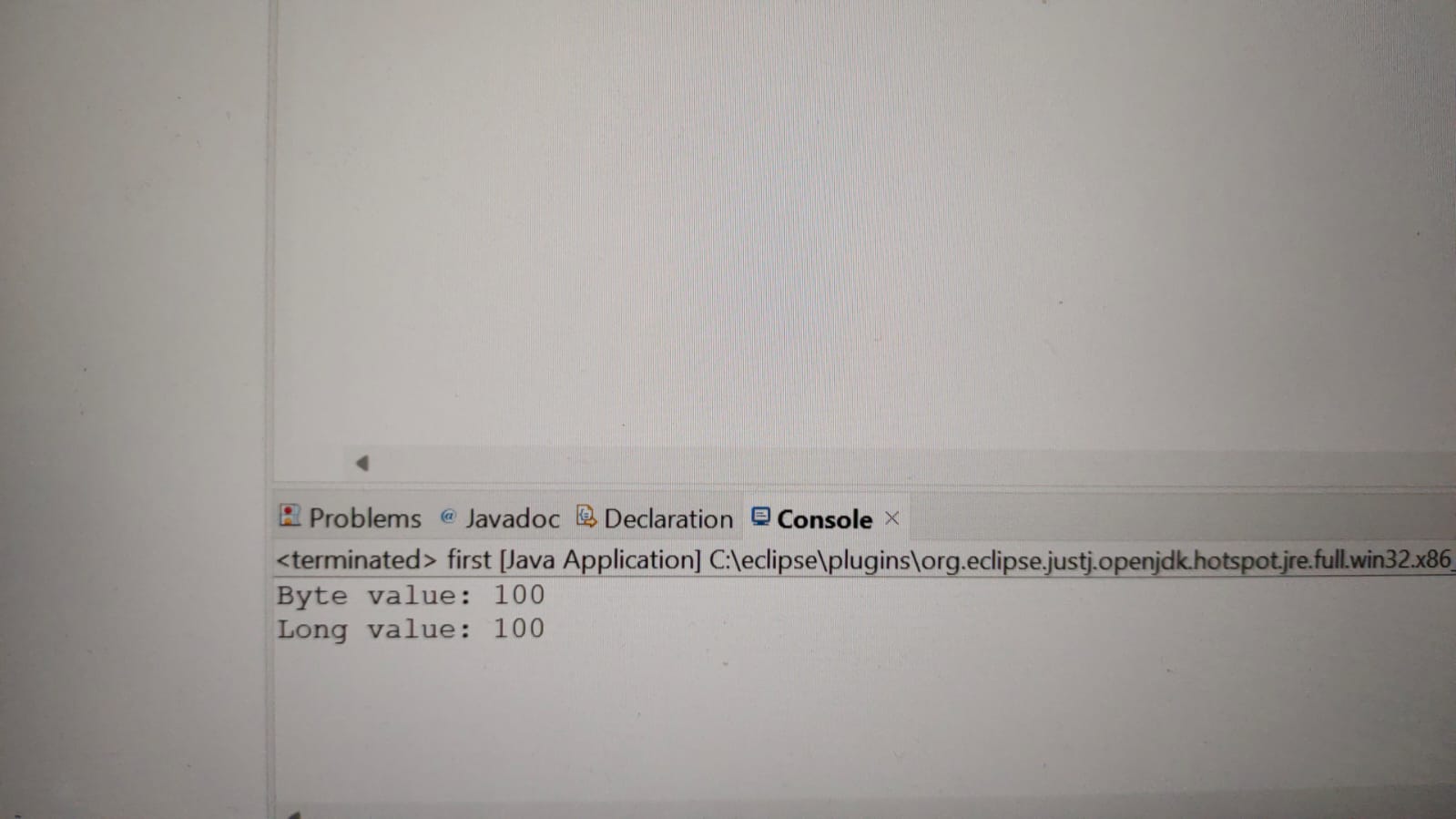
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**IMPLICIT CONVERSION**

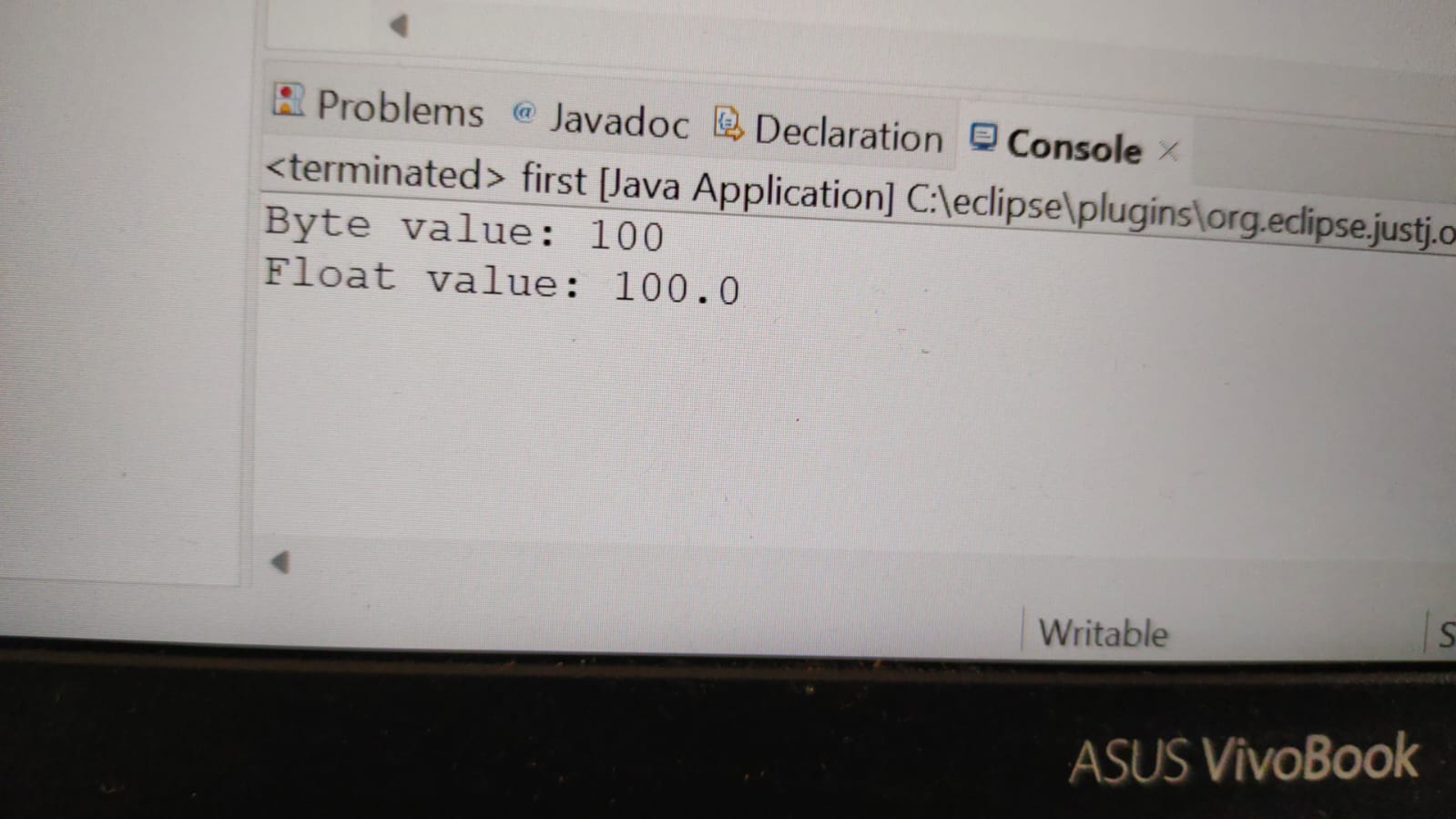
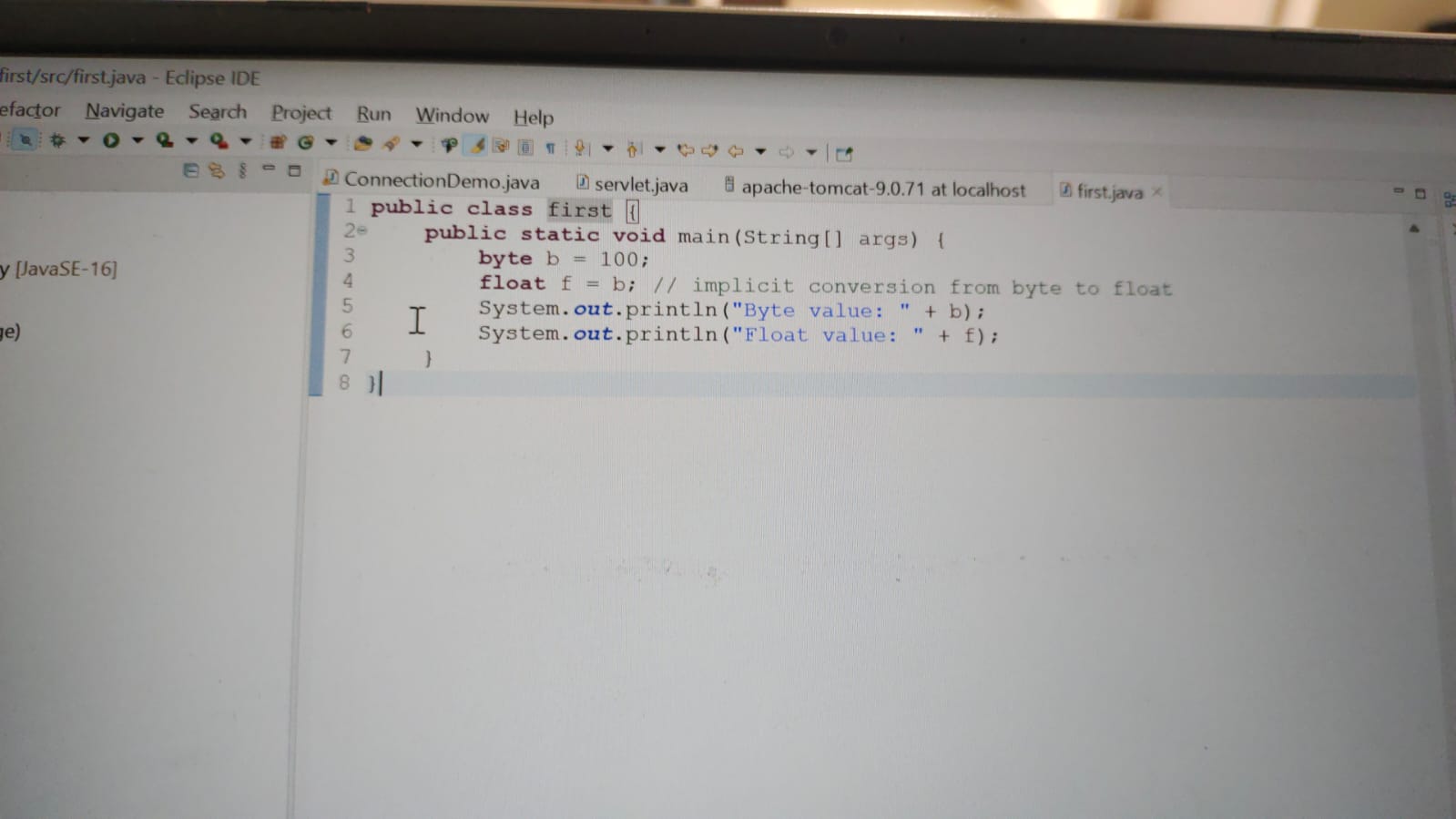
**BYTE TO LONG**

****

****

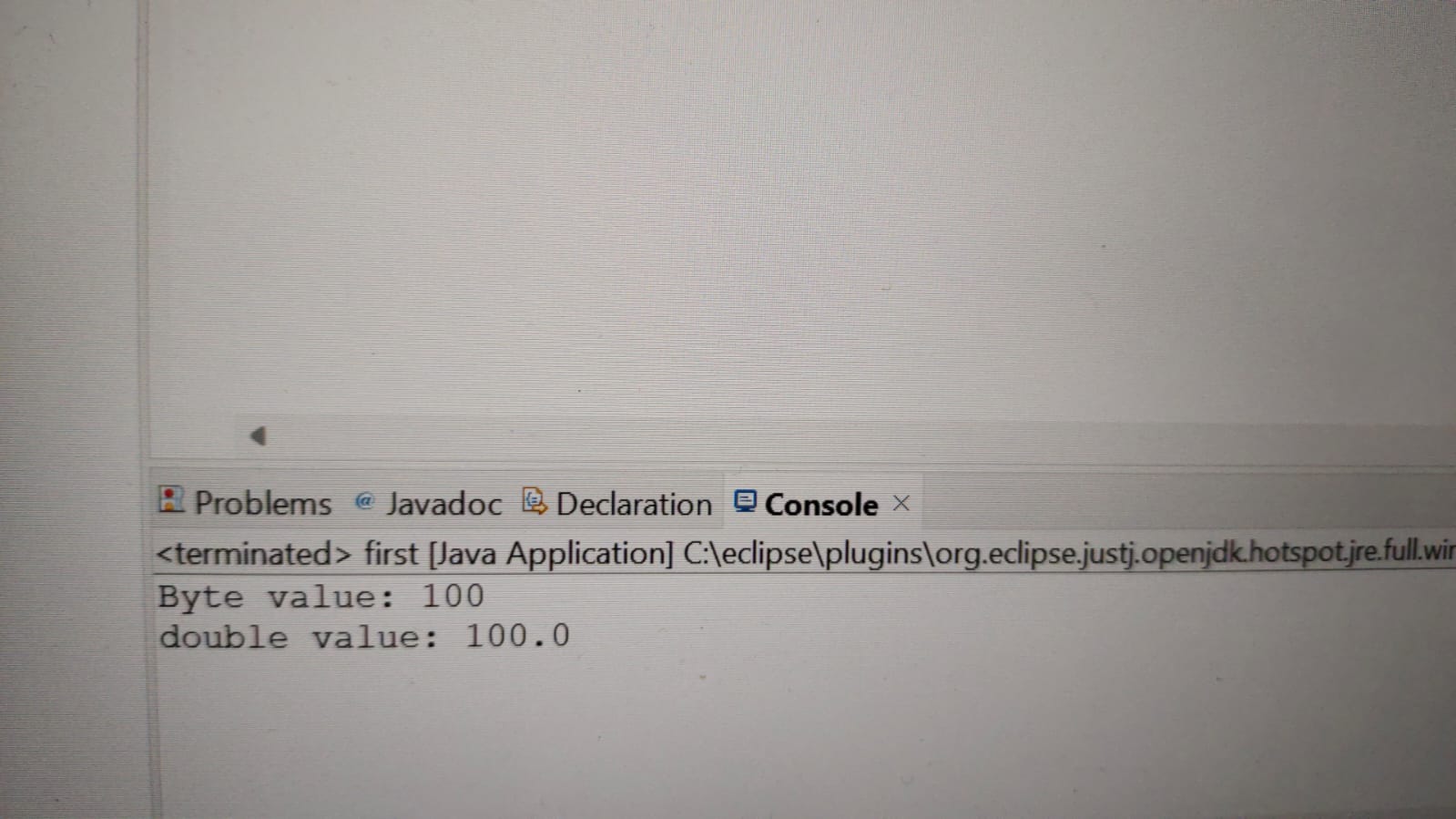
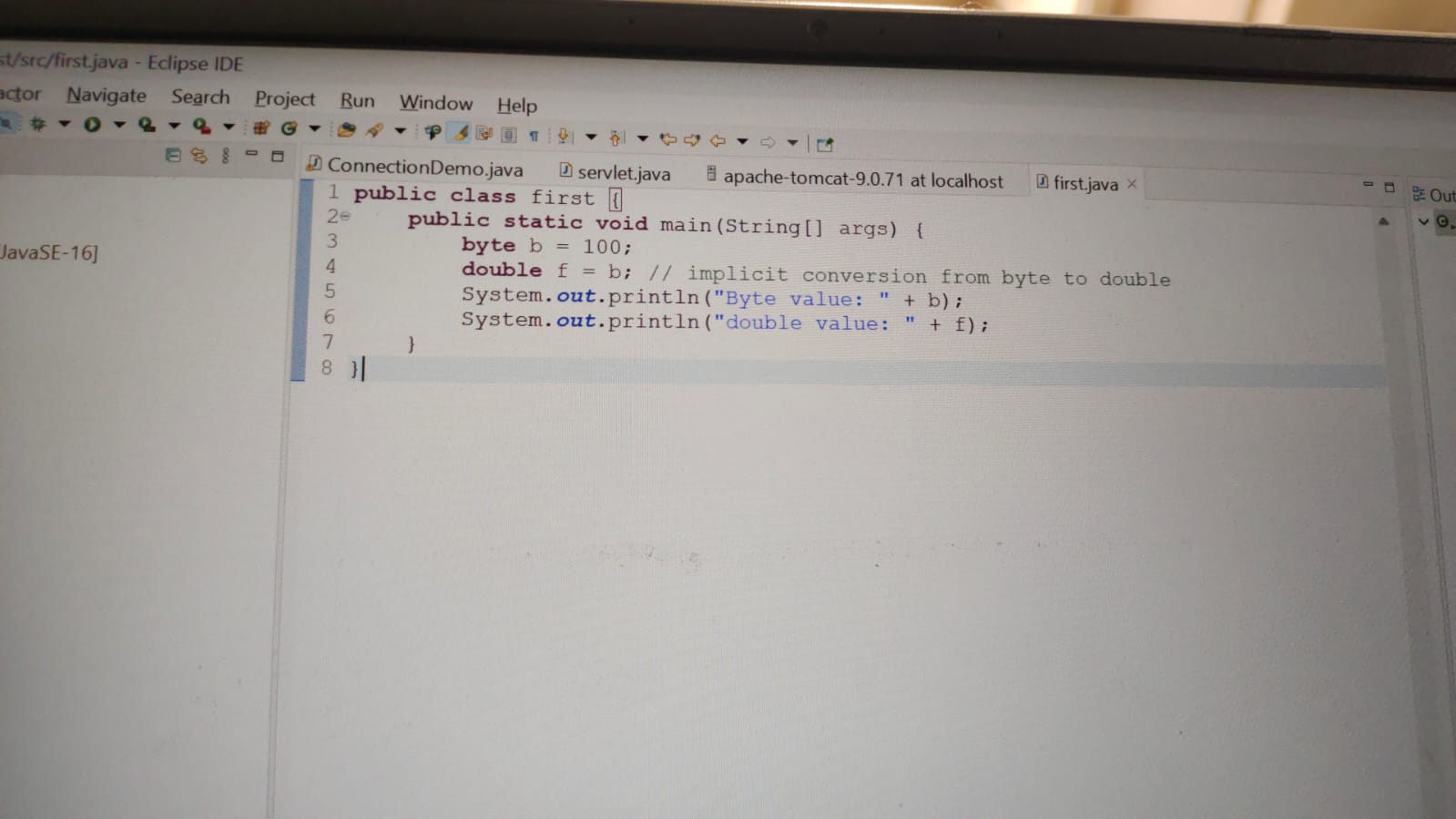
**IMPLICIT CONVERSION**

**BYTE TO FLOAT**

****

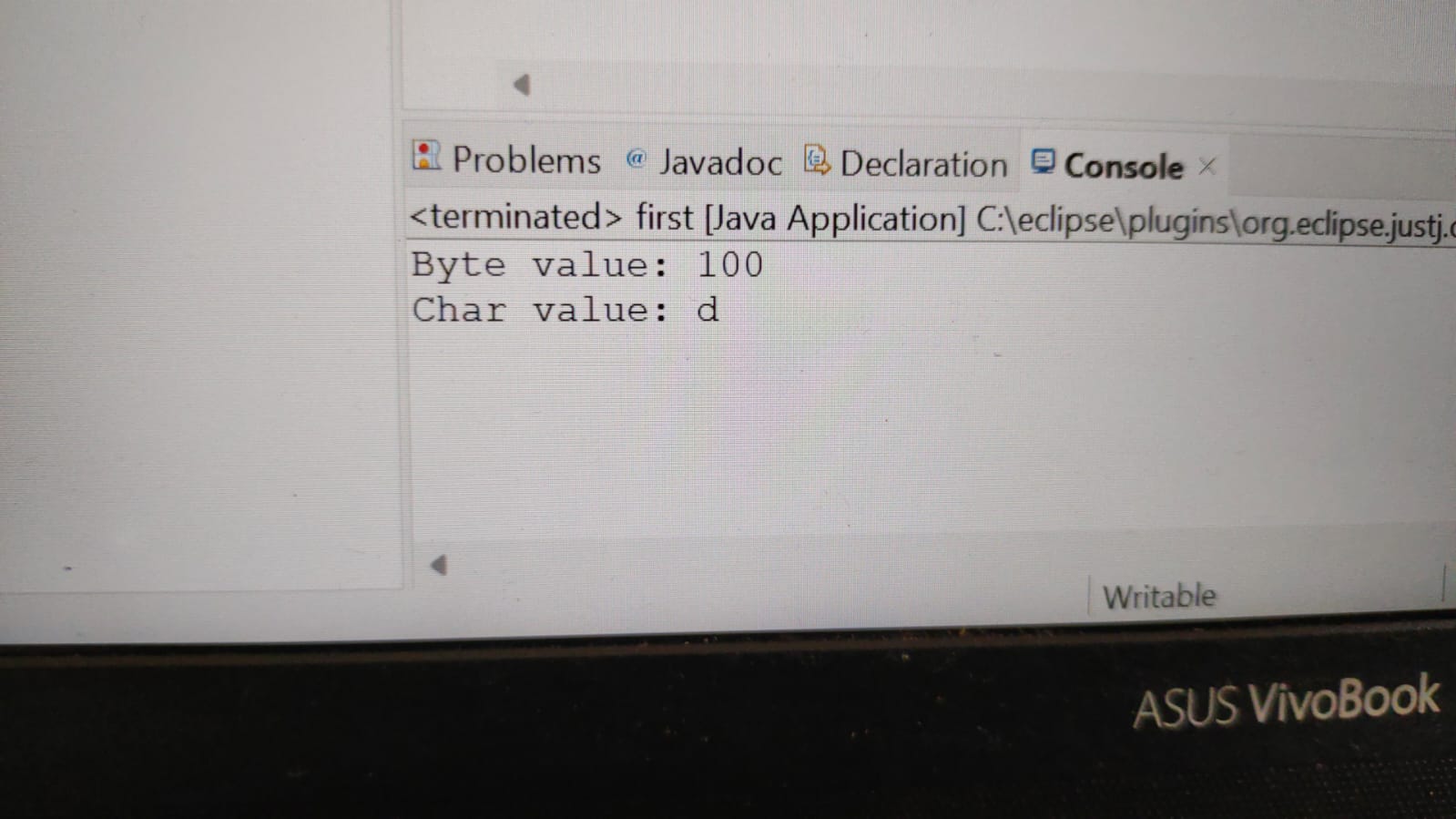
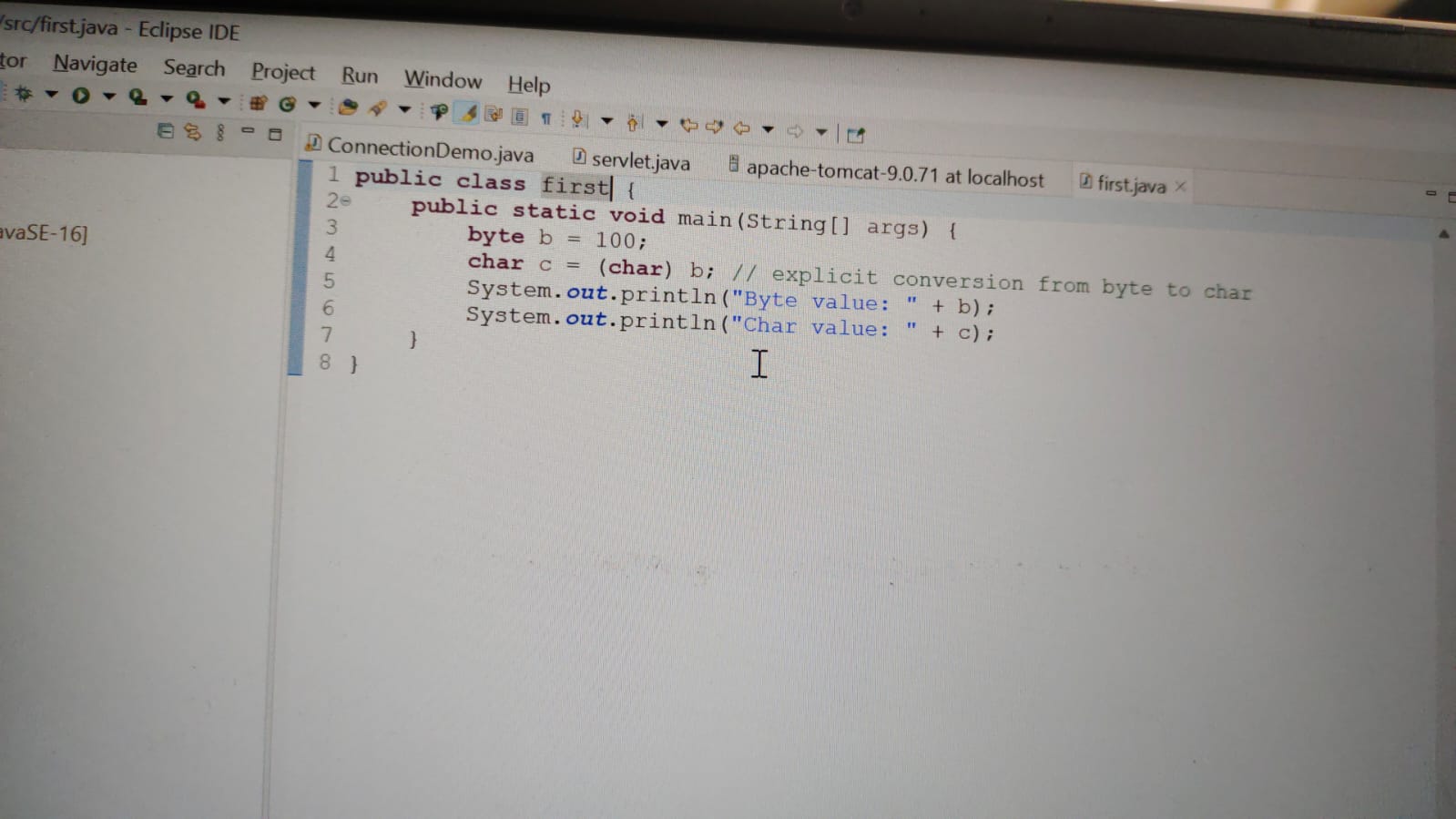
**IMPLICIT CONVERSION**

**BYTE TO DOUBLE**

****

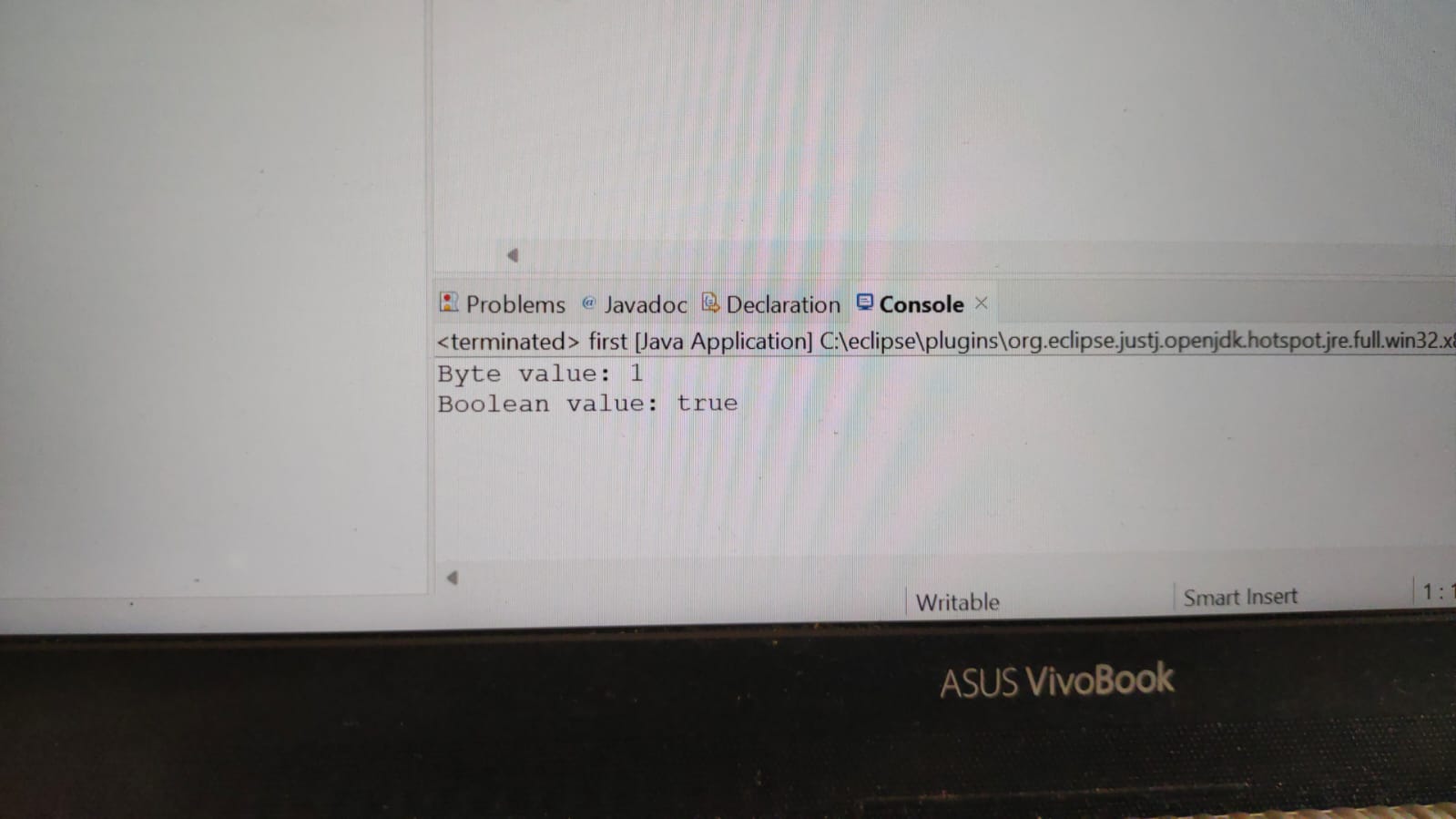
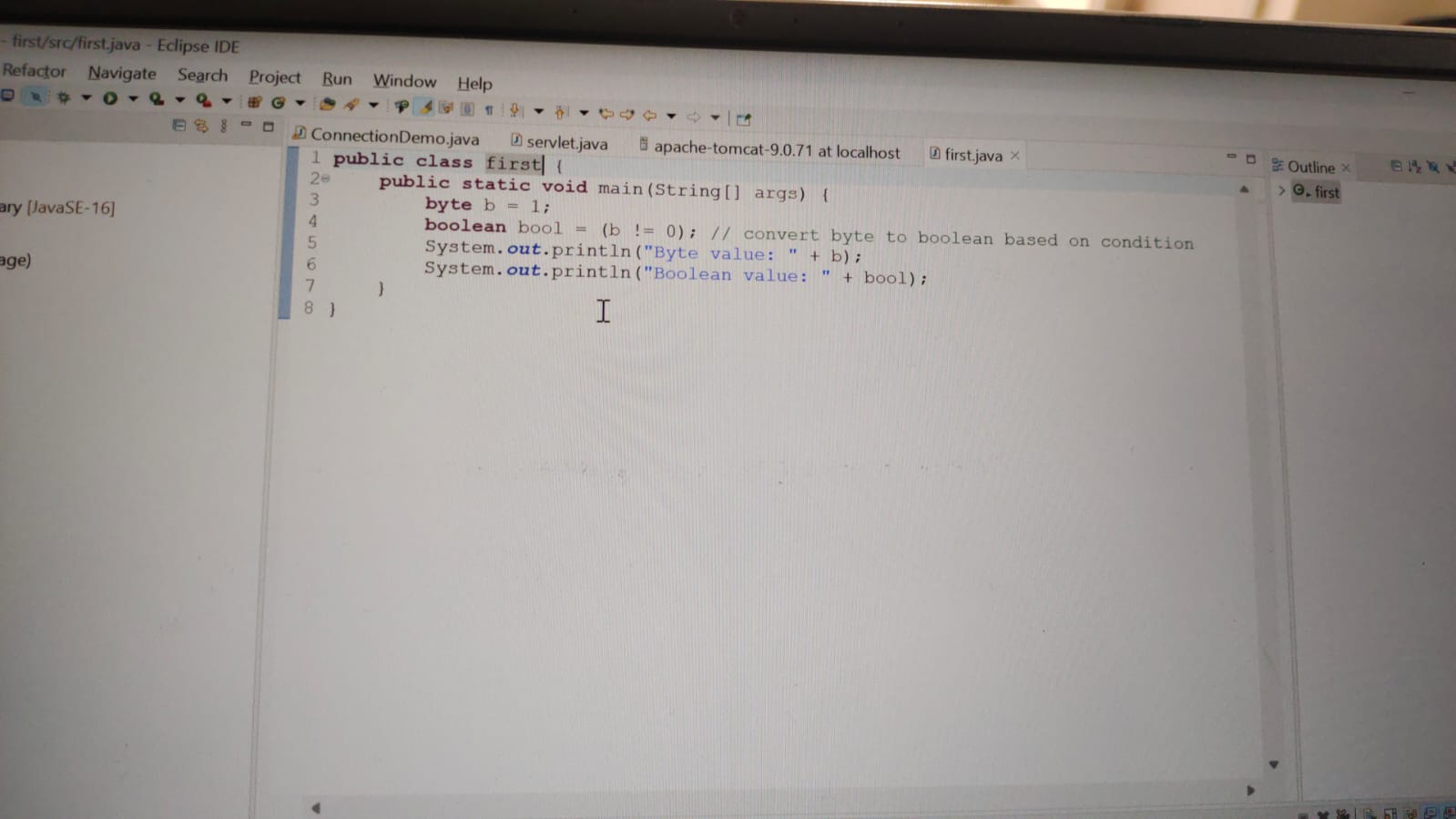
**IMPLICIT CONVERSION**

**BYTE TO CHARACTER**

****

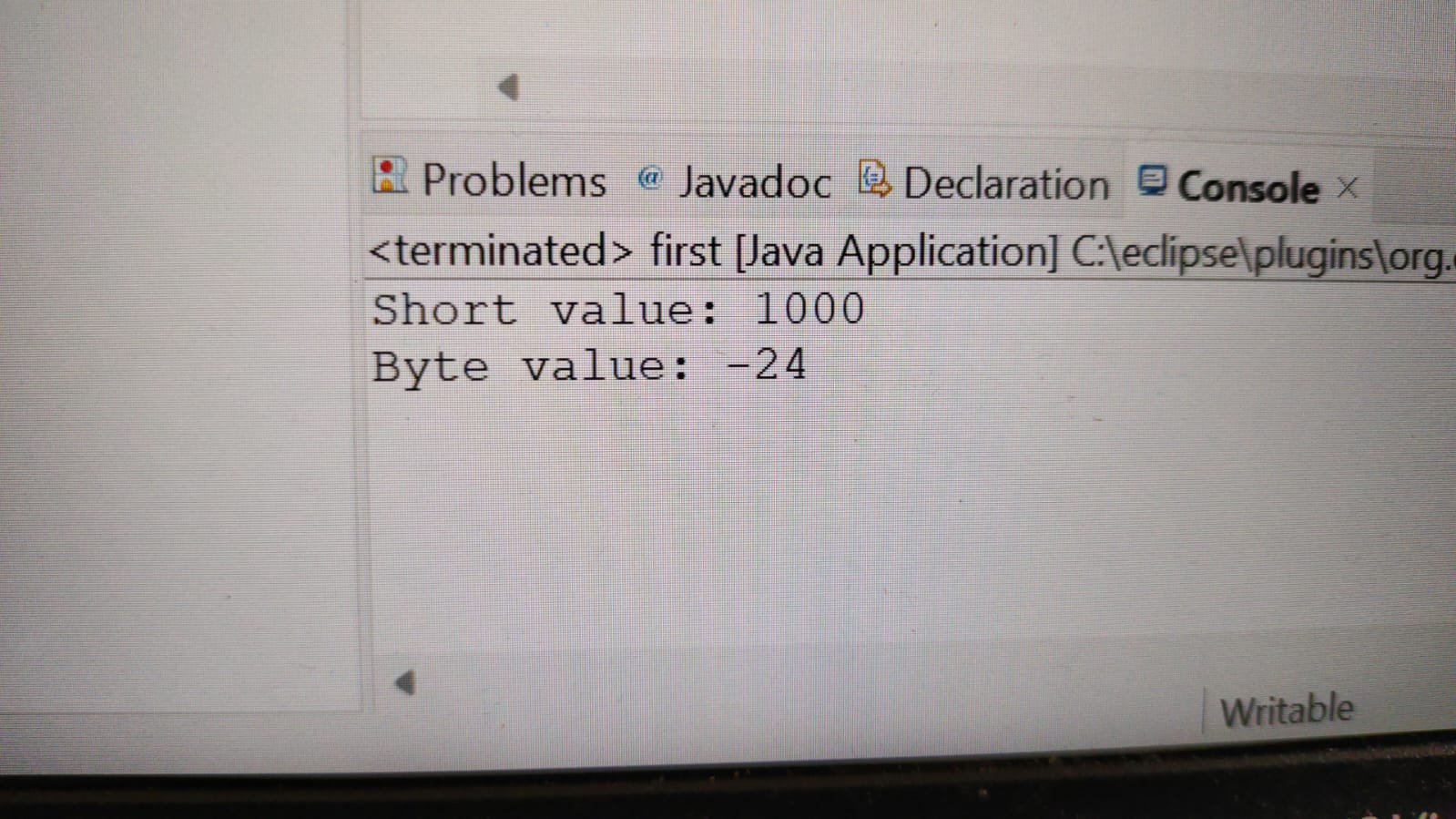
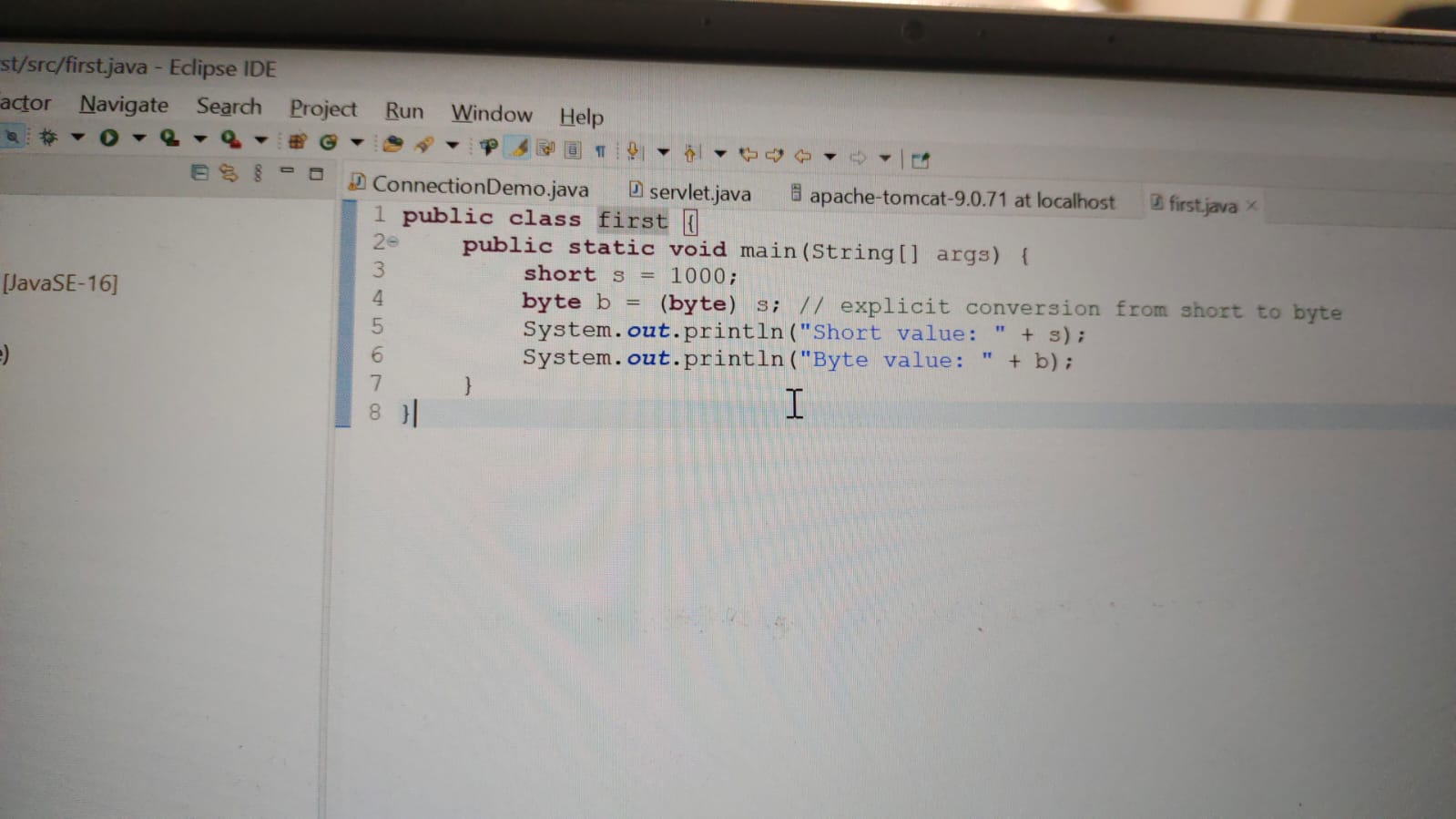
**EXPLICIT CONVERSION**

**BYTE TO BOOLEAN**

****

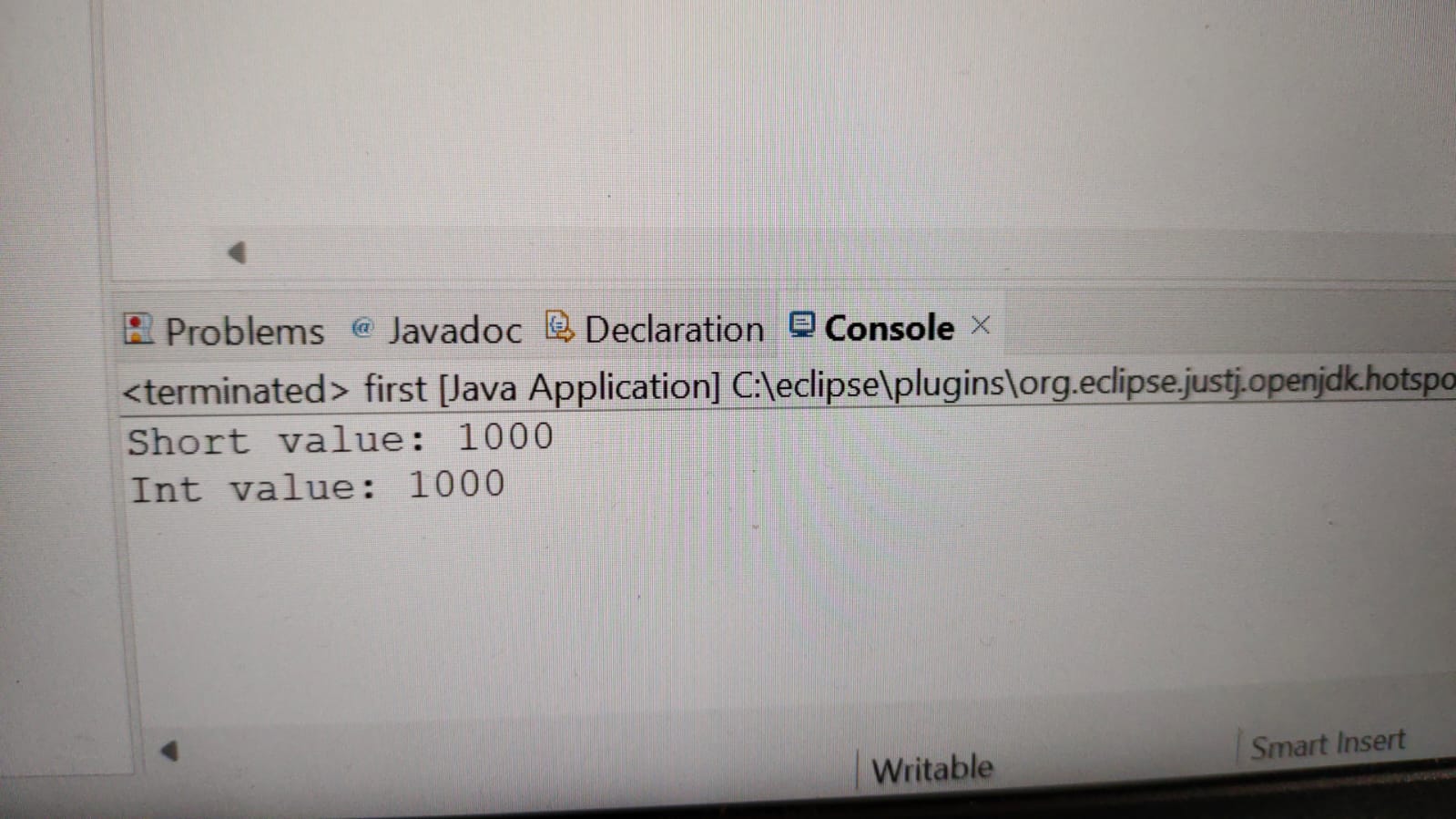
**EXPLICIT CONVERSION**

**SHORT TO BYTE**

****

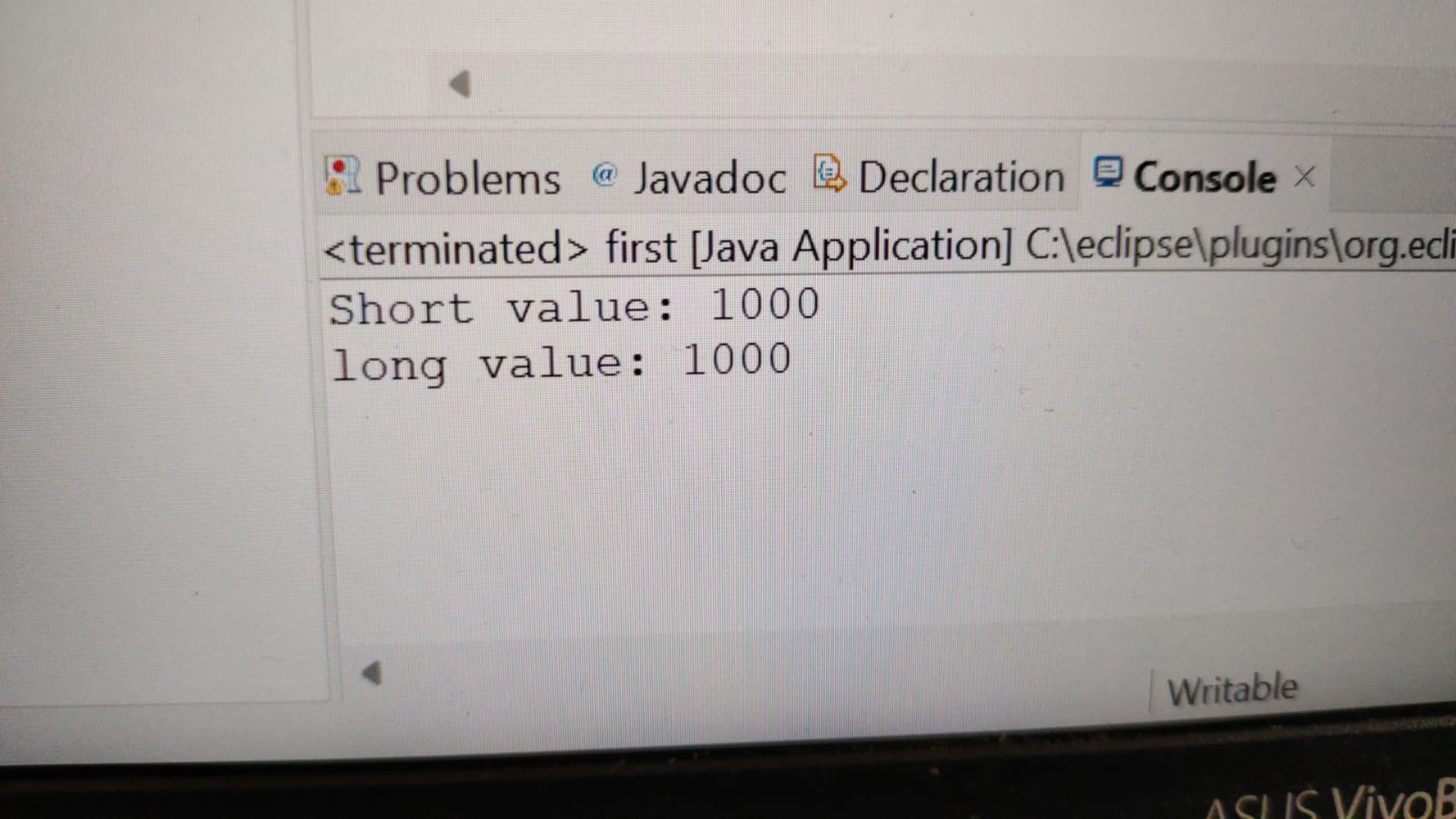
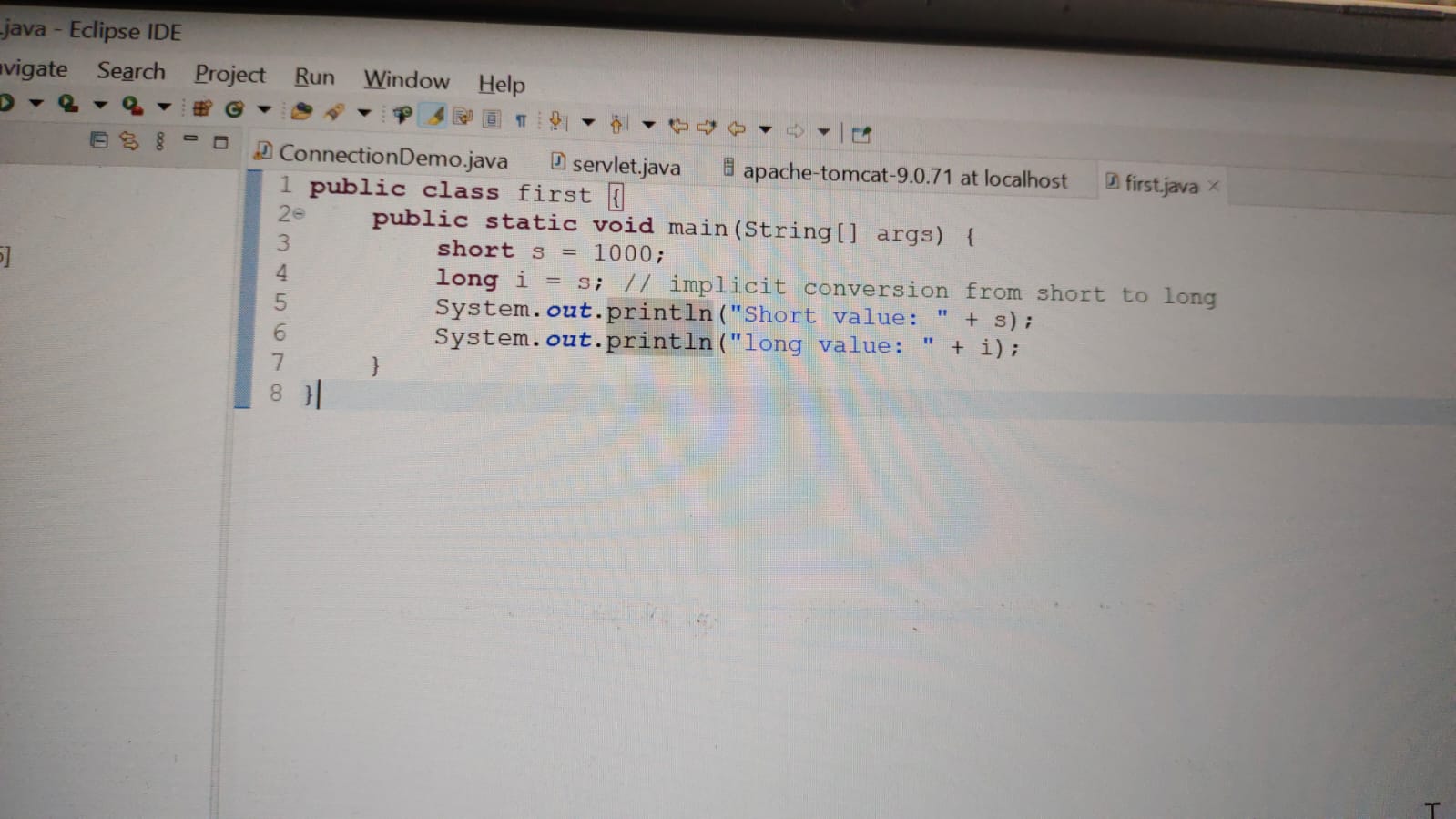
**EXPLICIT CONVERSION**

**SHORT TO INT**

****

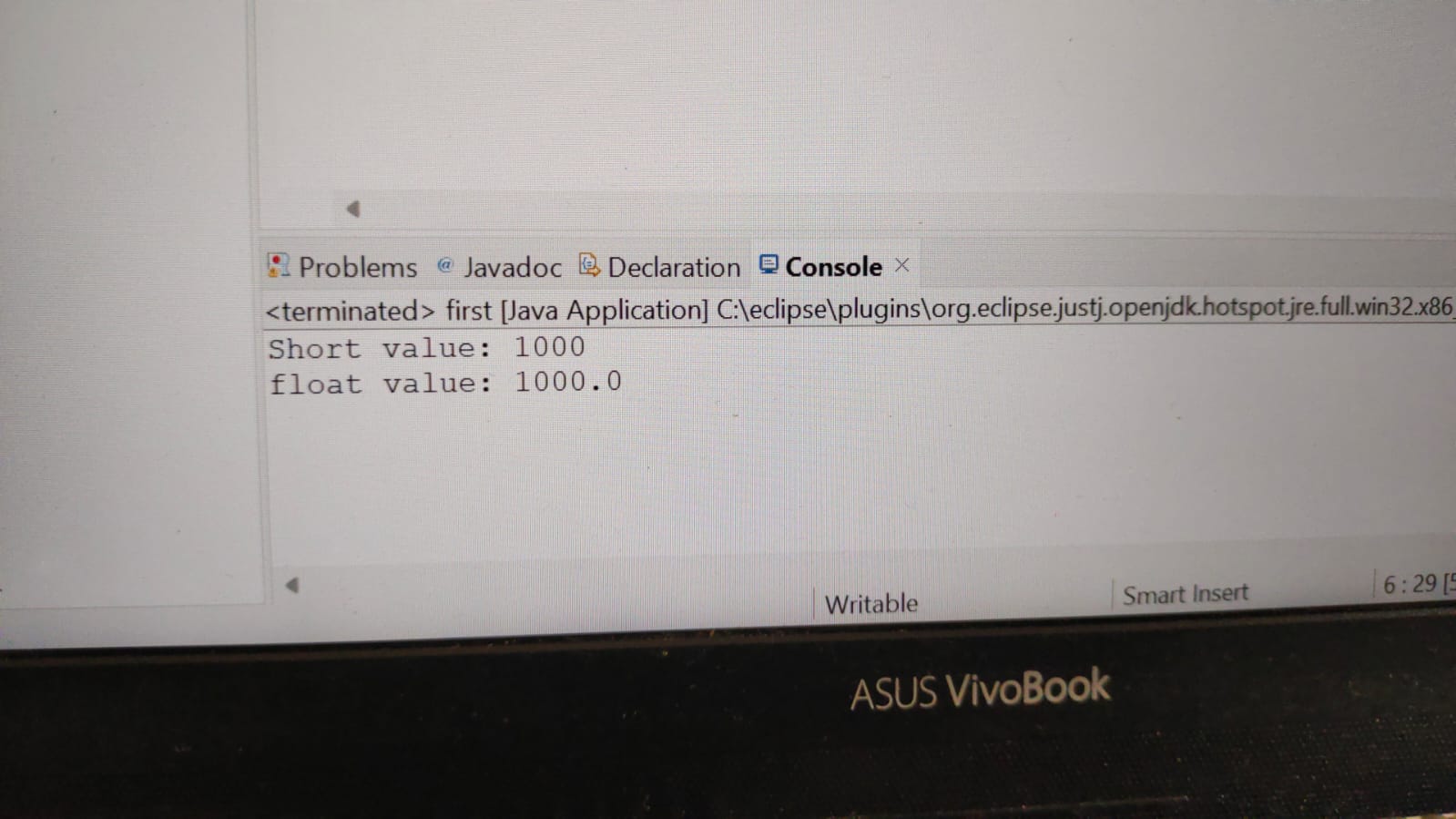
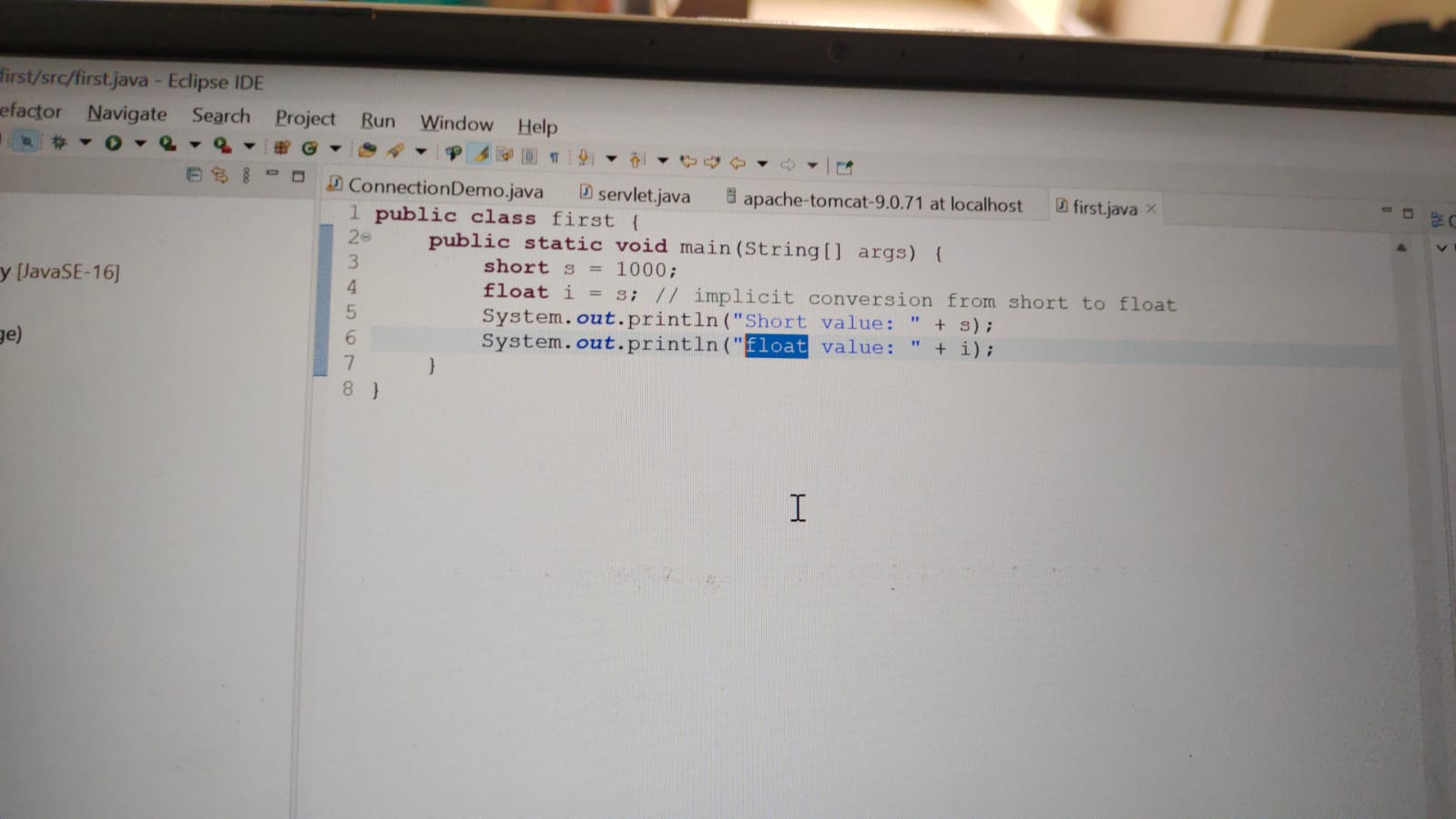
**IMPLICIT CONVERSION**

**SHORT TO LONG**

****

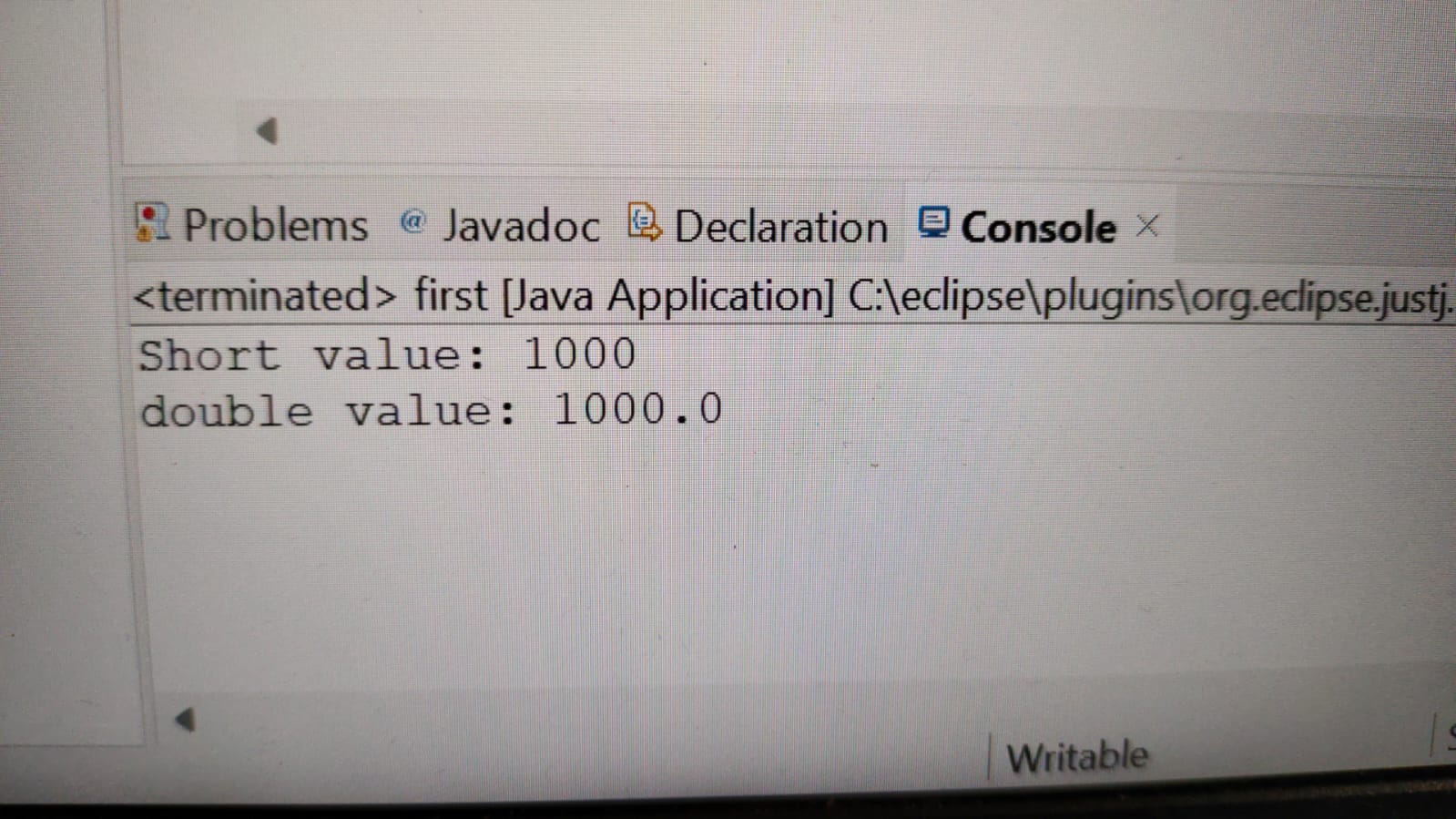
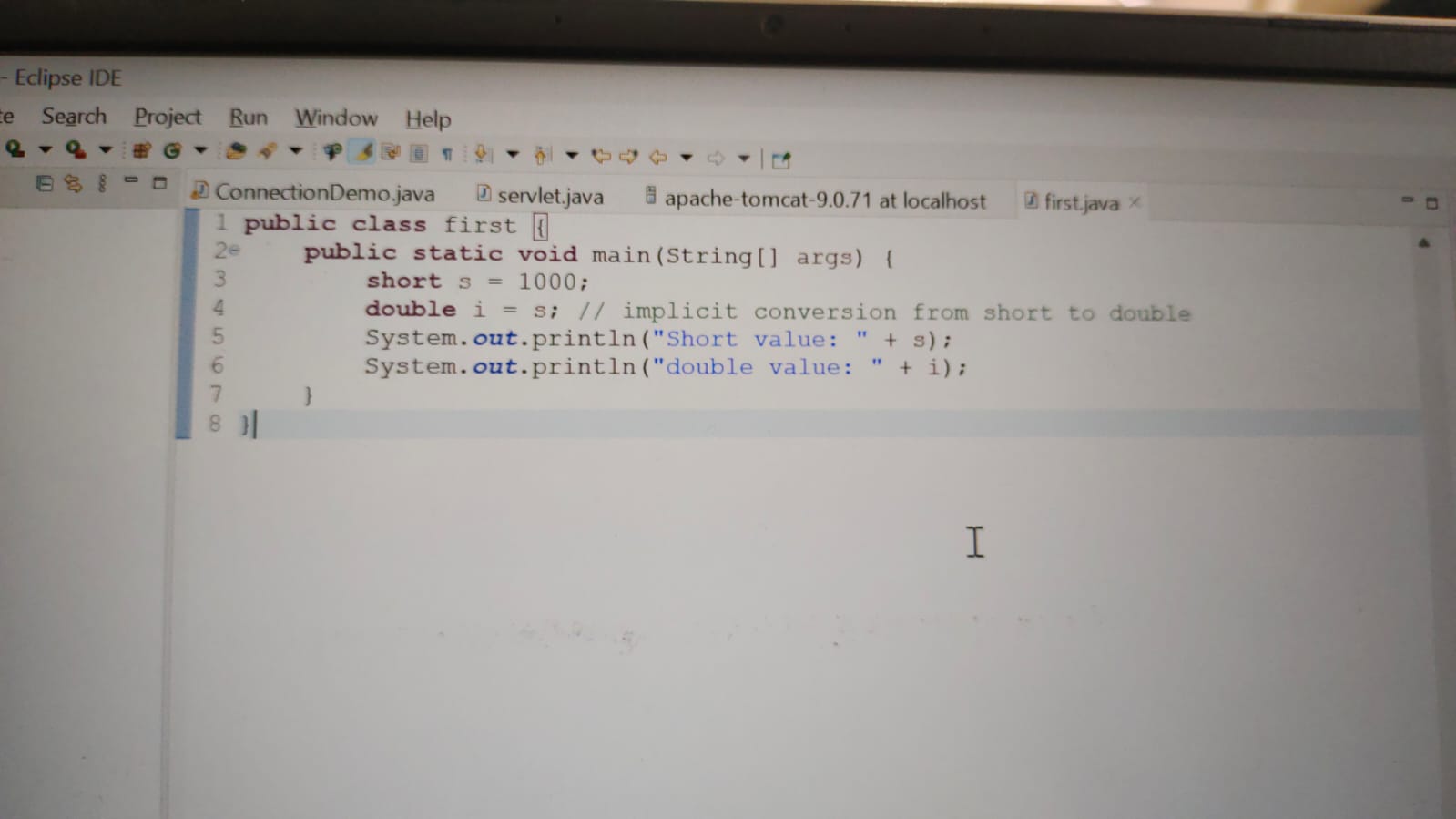
**IMPLICIT CONVERSION**

**SHORT TO FLOAT**

****

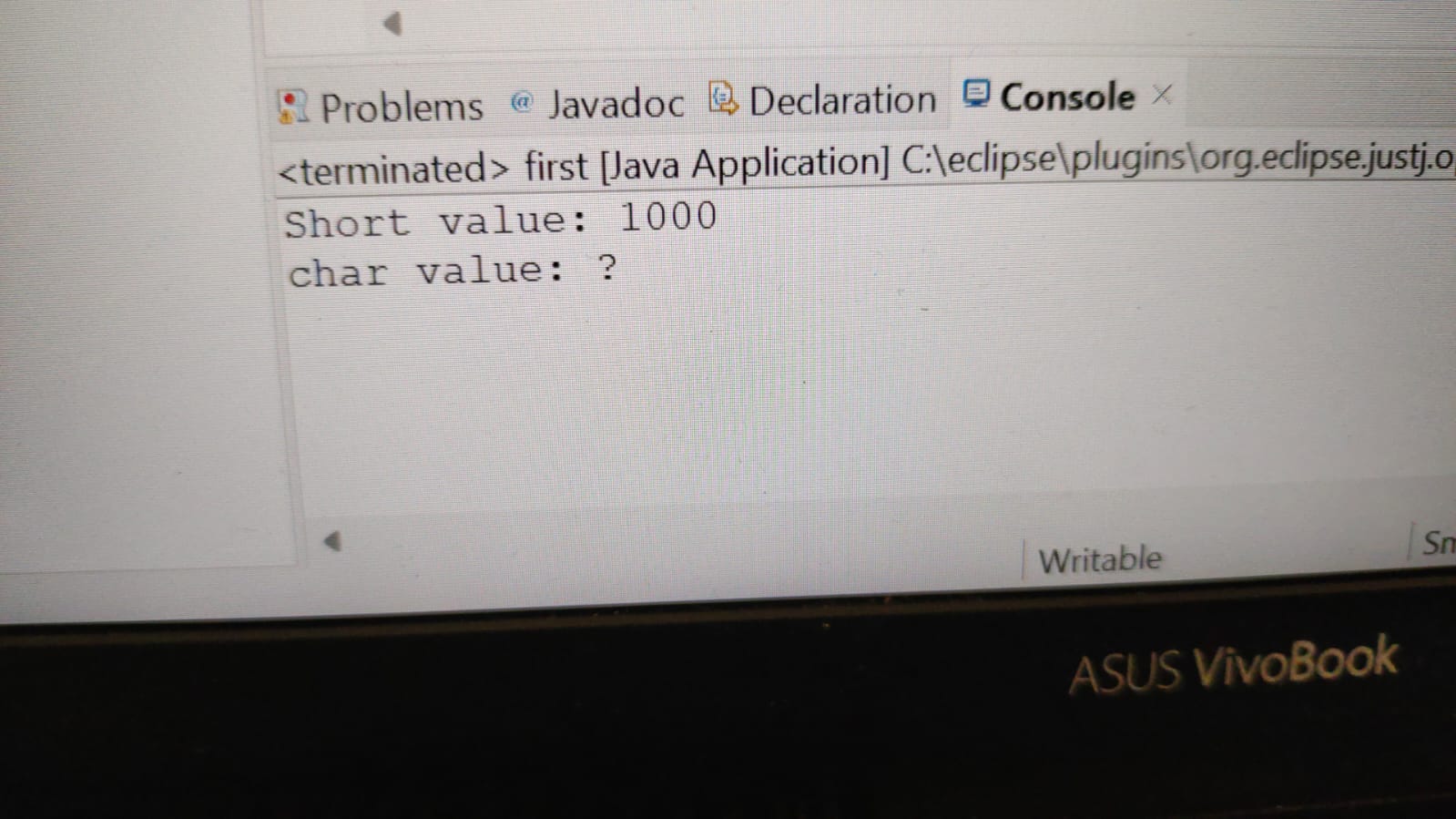
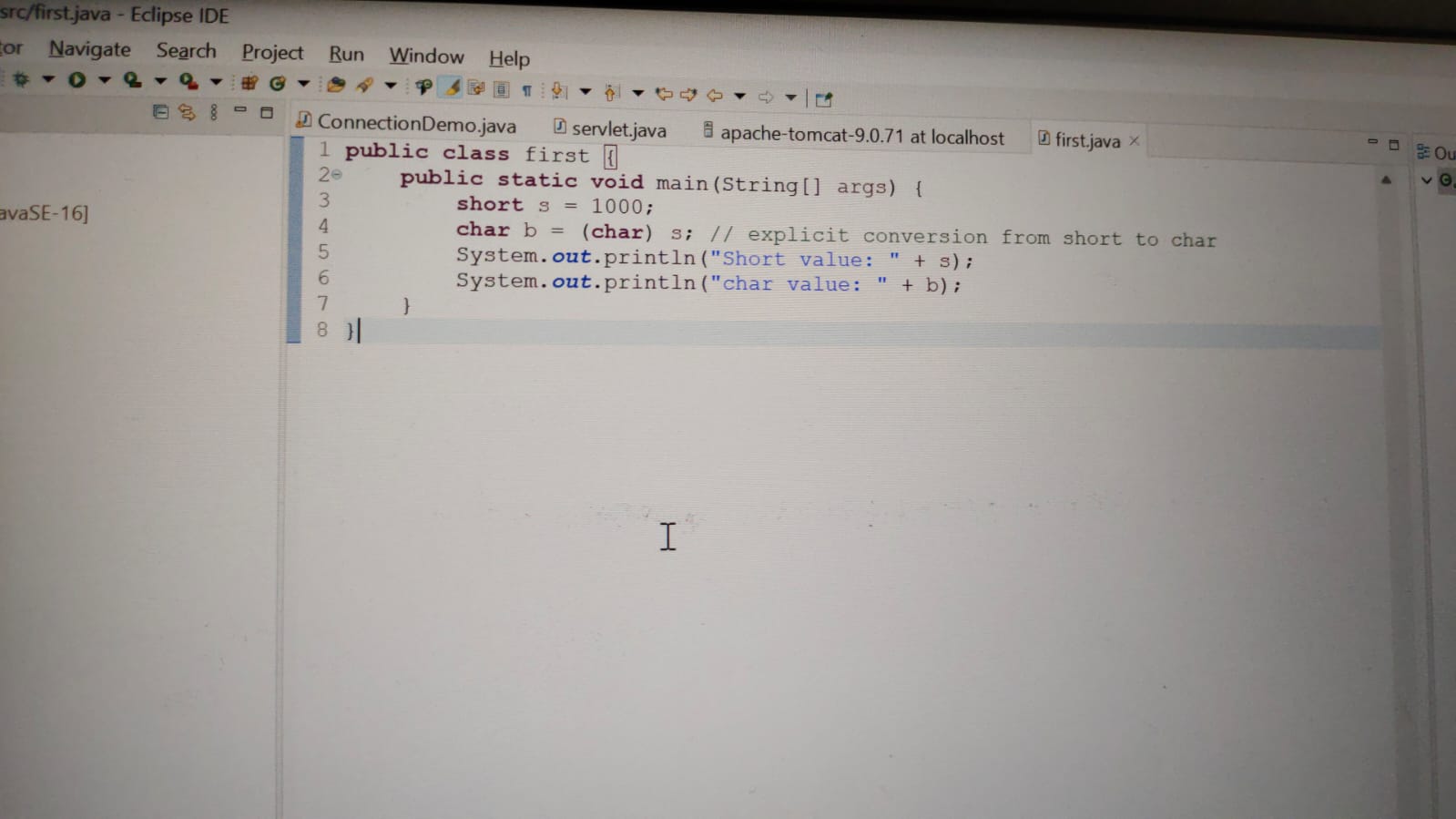
**IMPLICIT CONVERSION**

**SHORT TO DOUBLE**

****

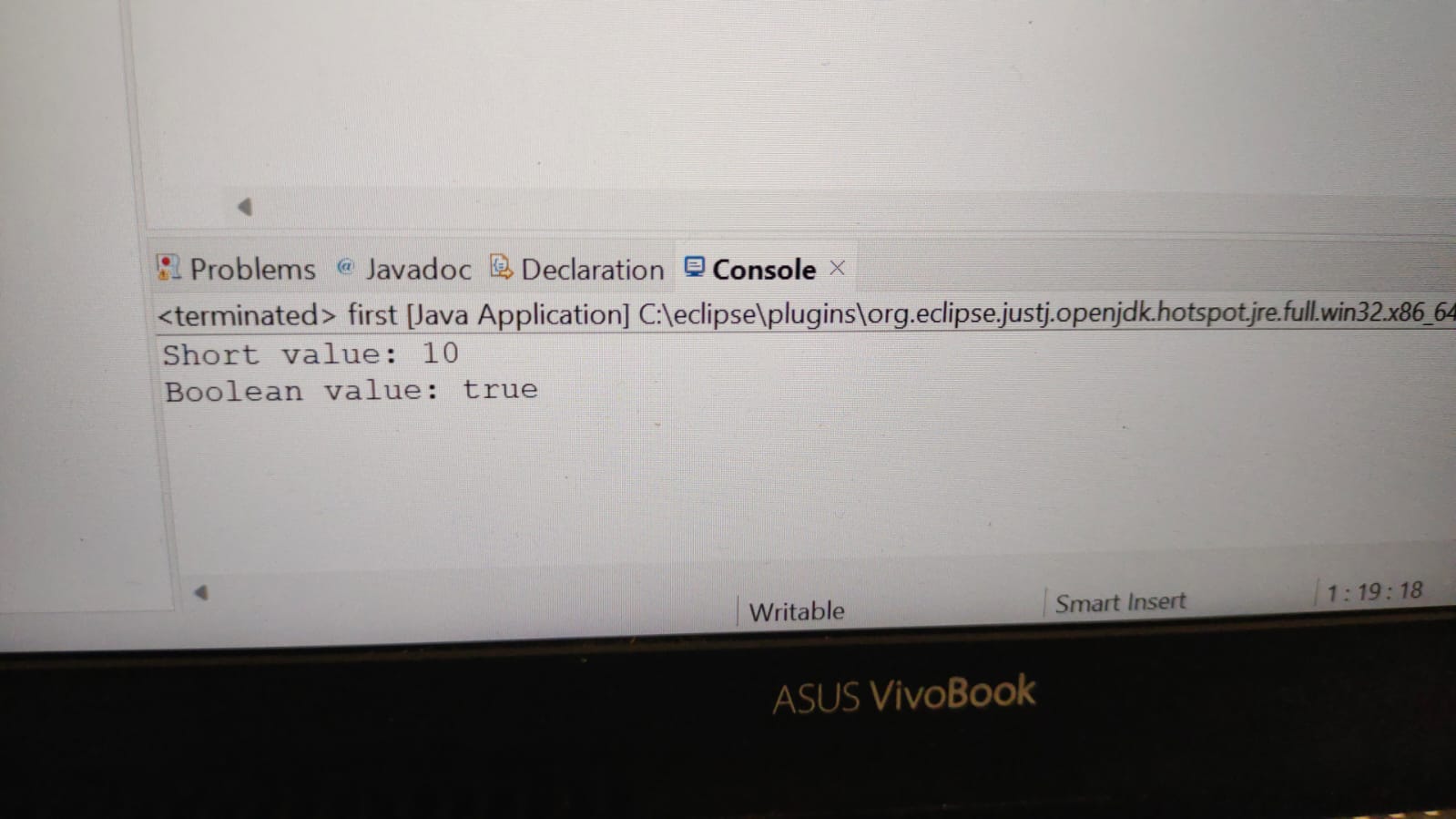
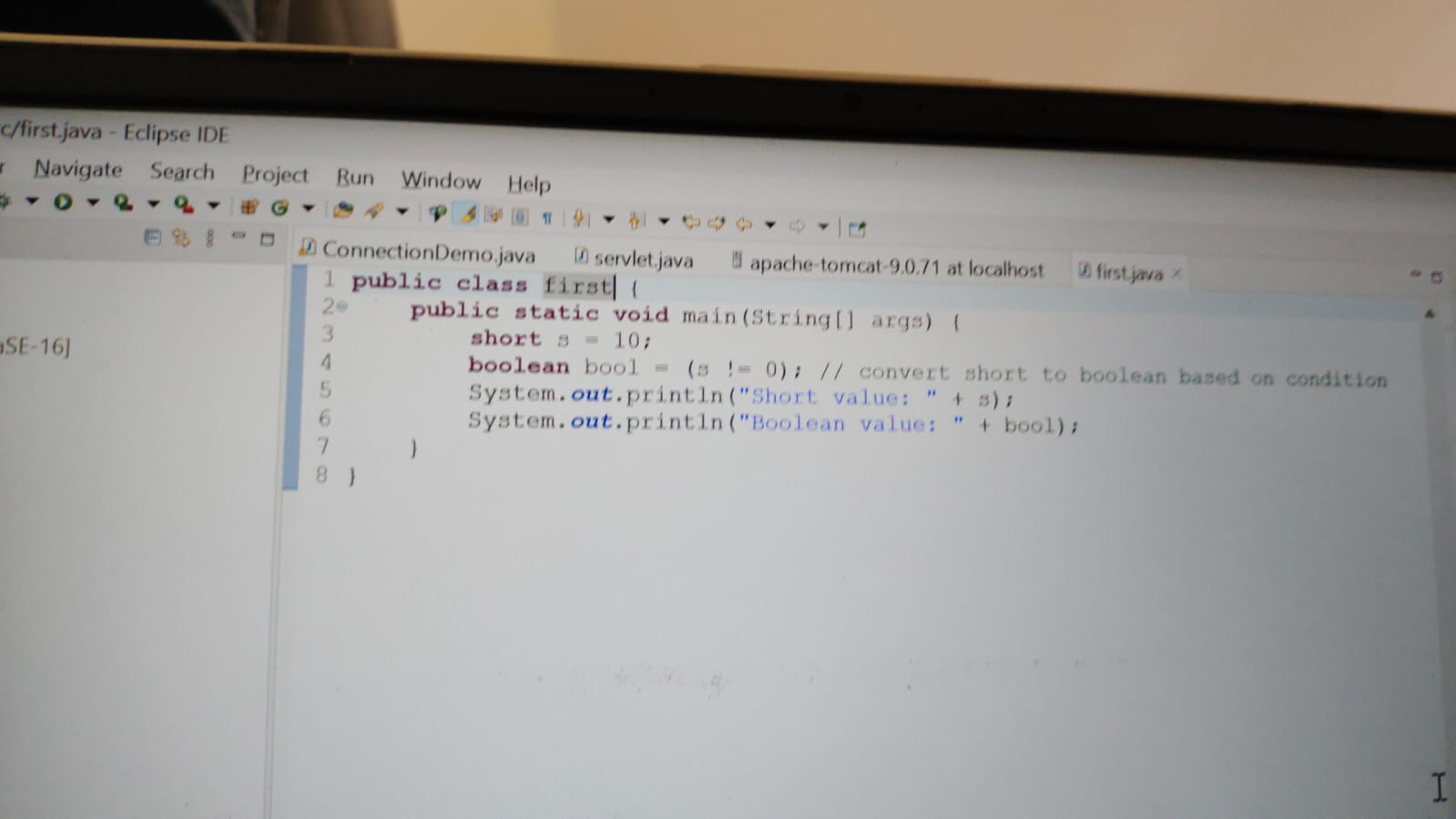
**IMPLICIT CONVERSION**

**SHORT TO CHARACTER**

****

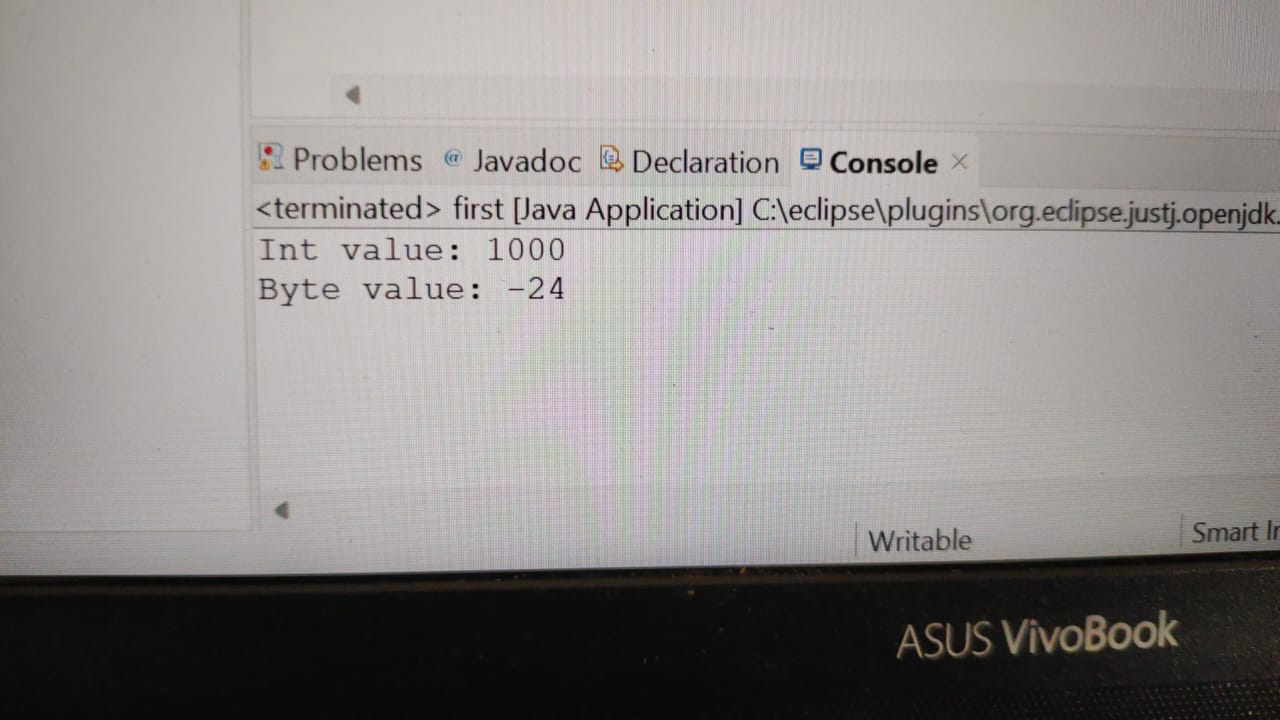
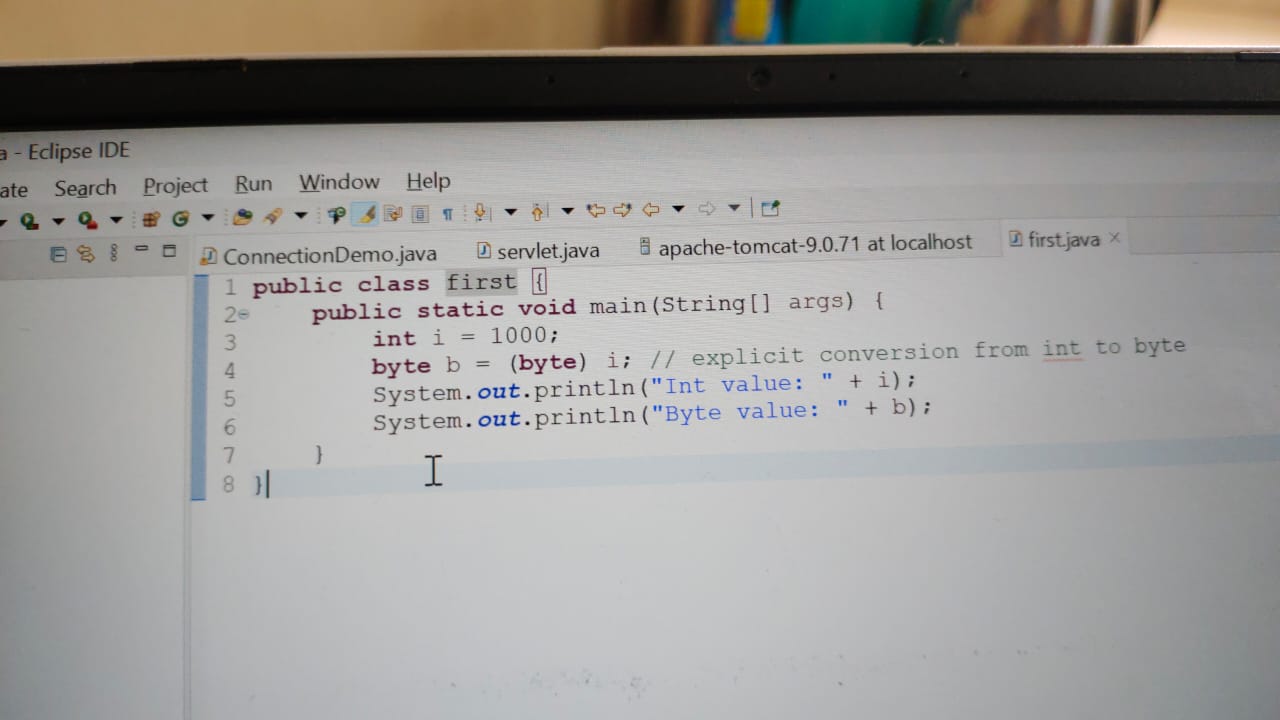
**EXPLICIT CONVERSION**

**SHORT TO BOOLEAN**

****

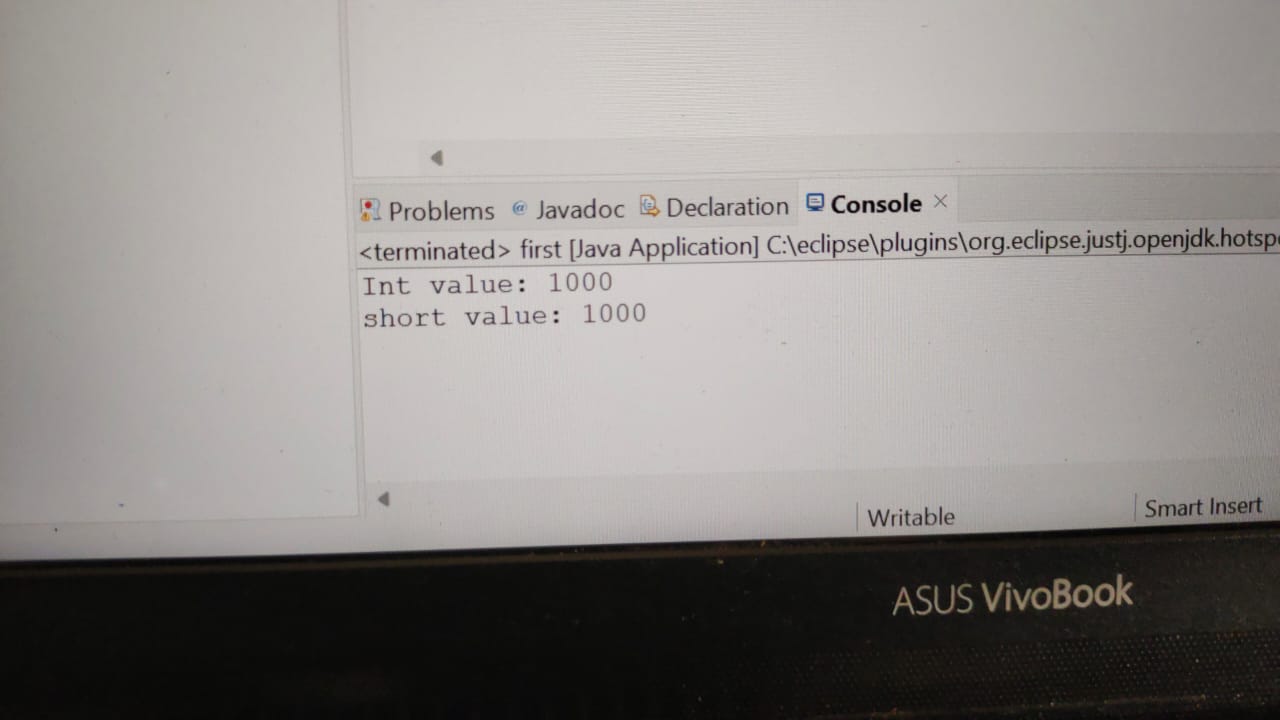
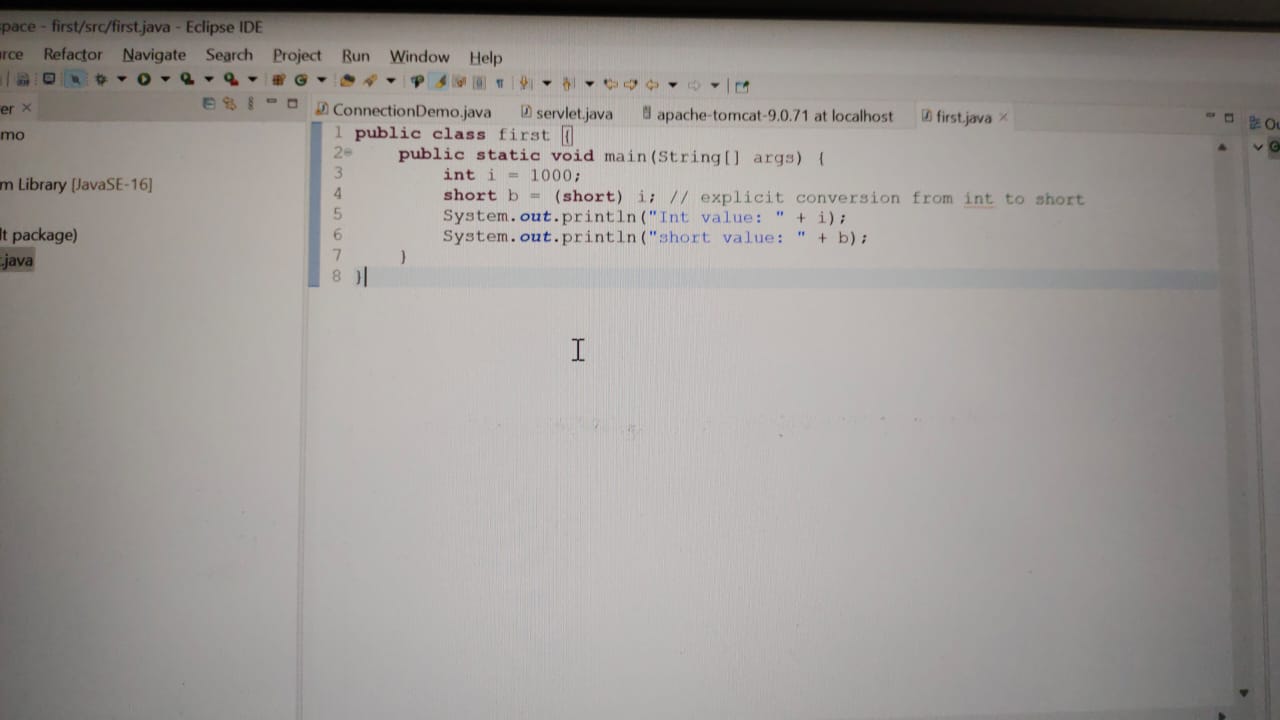
**EXPLICIT CONVERSION**

**INT TO BYTE**

****

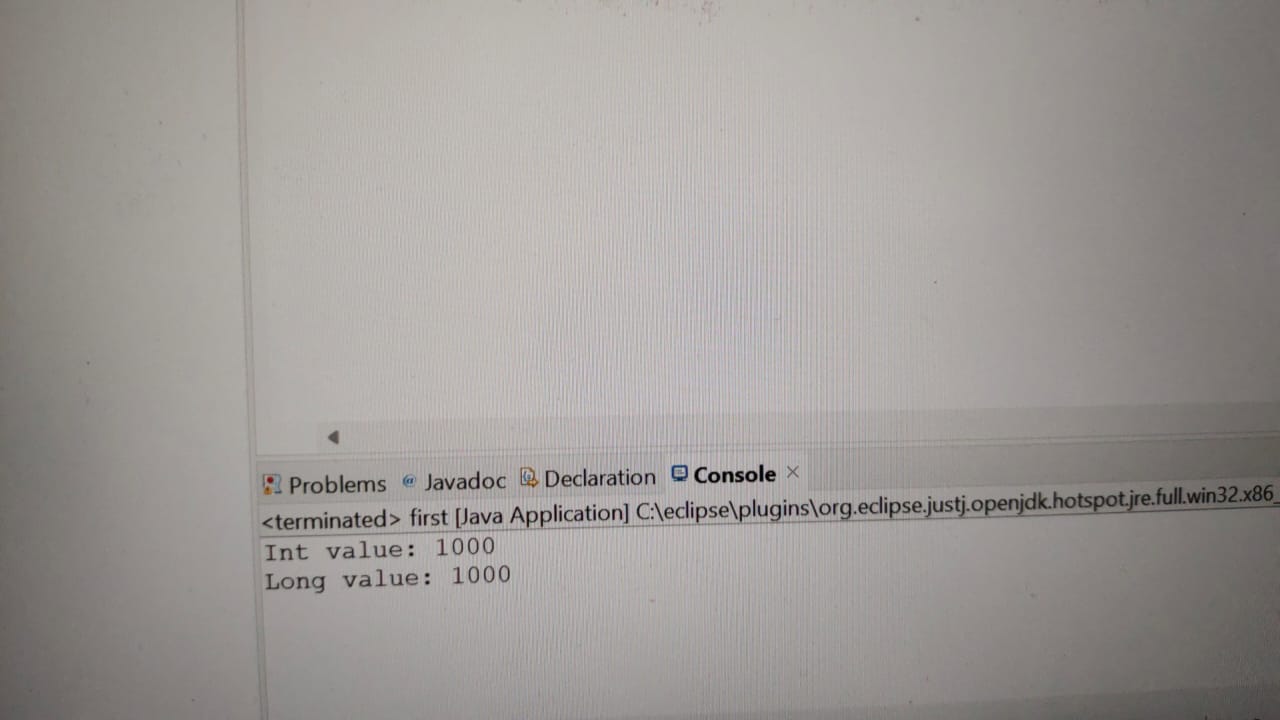
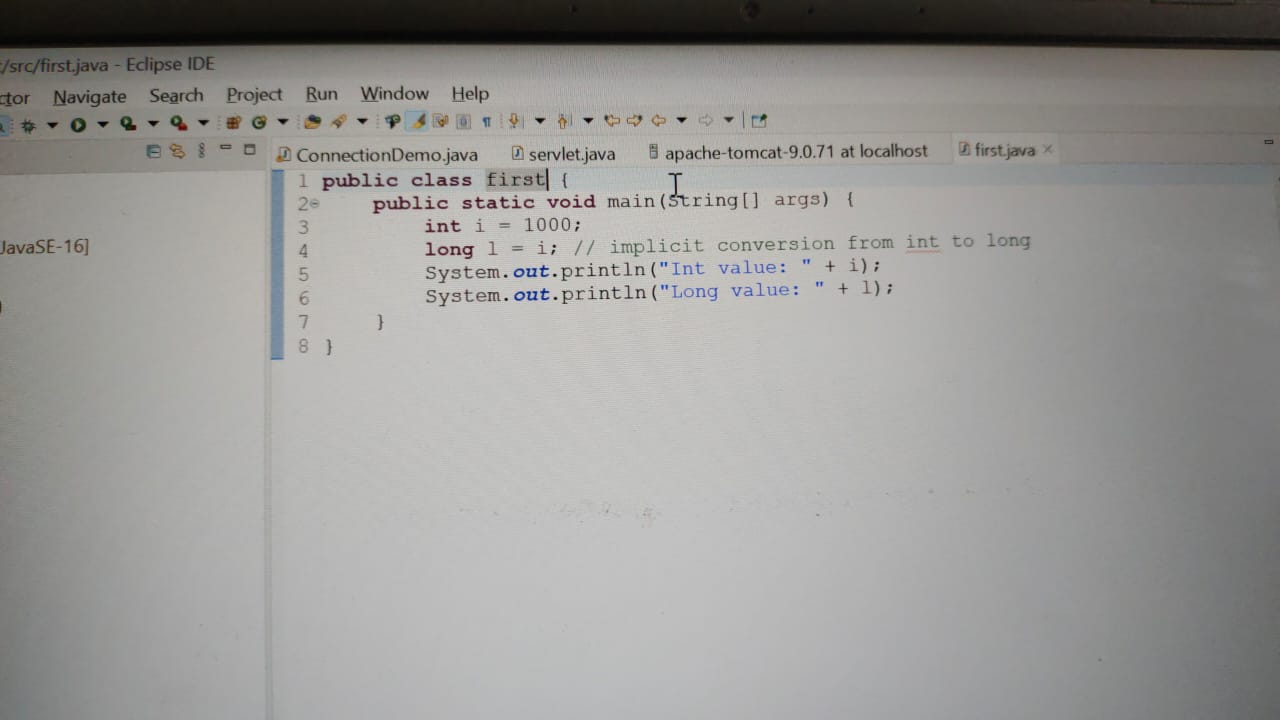
**EXPLICIT CONVERSION**

**INT TO SHORT**

****

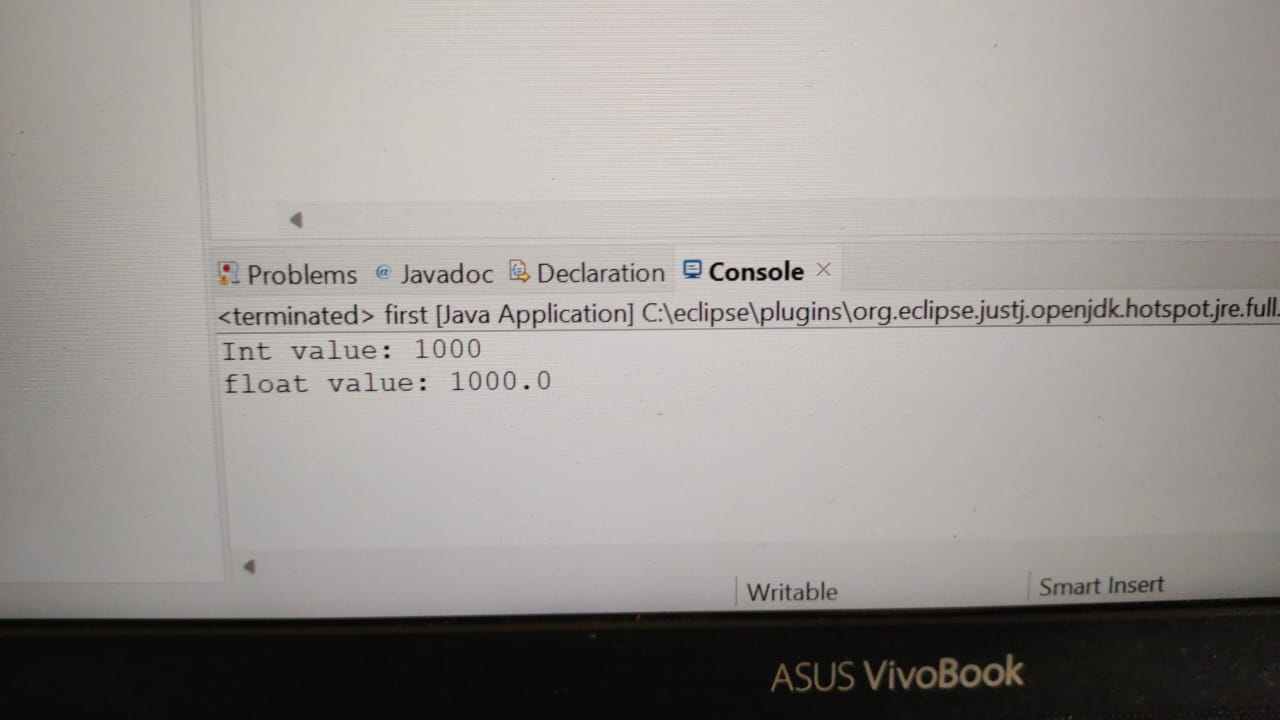
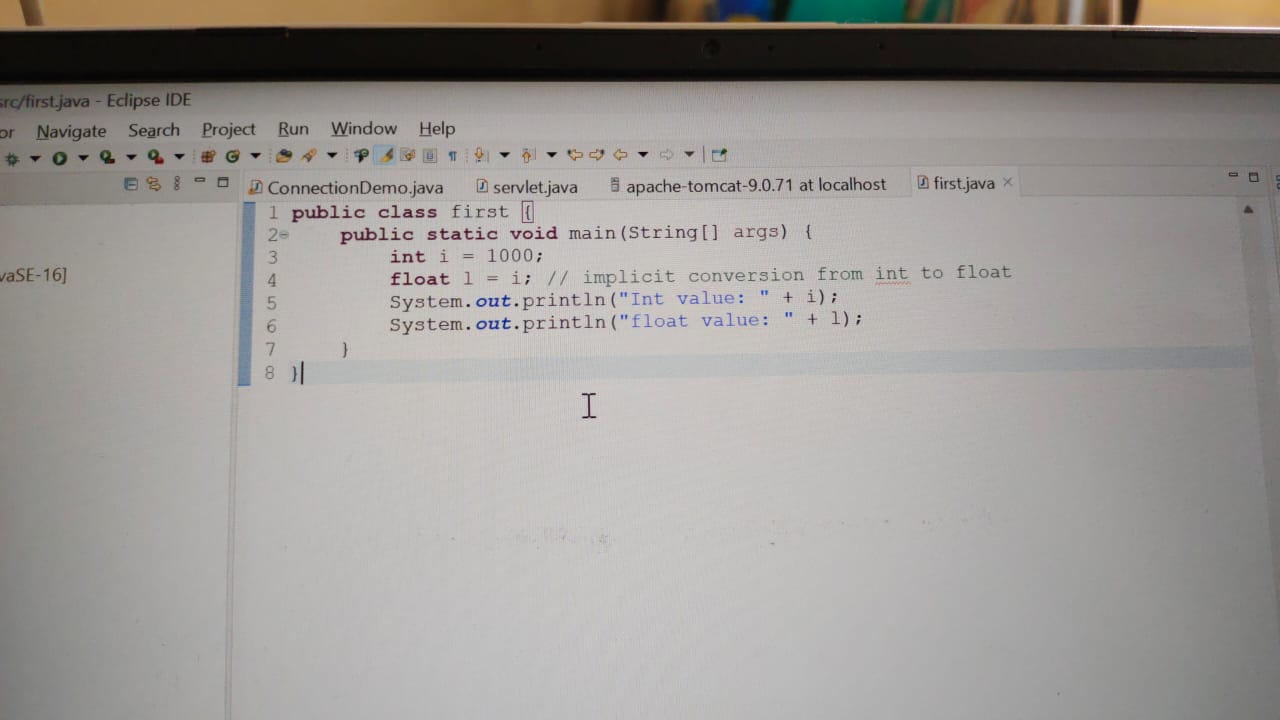
**EXPLICIT CONVERSION**

**INT TO LONG**

****

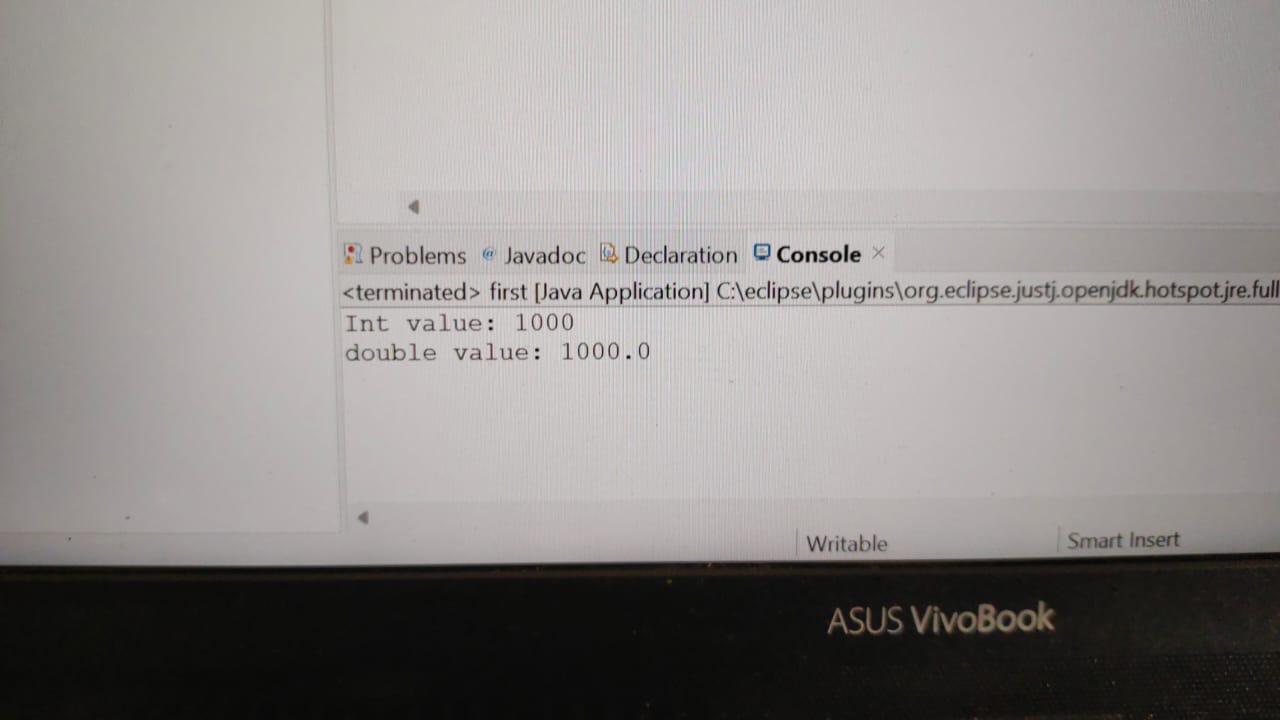
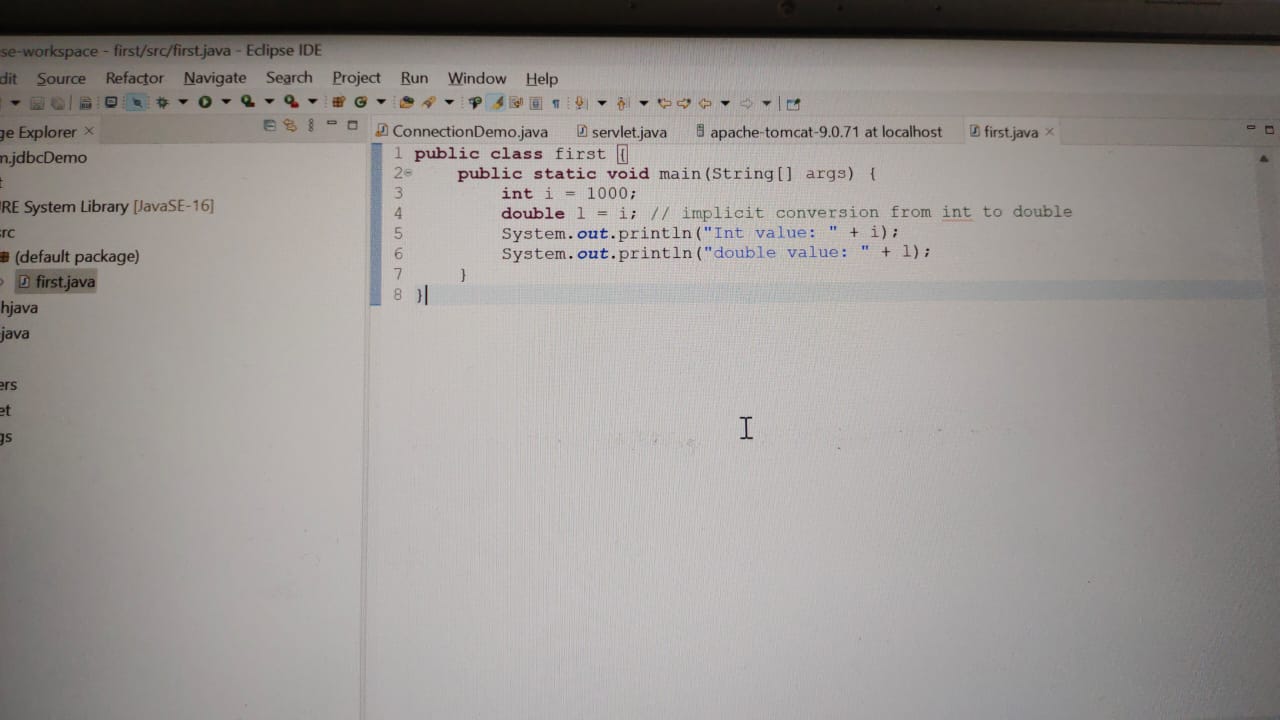
**IMPLICIT CONVERSION**

**INT TO FLOAT**

****

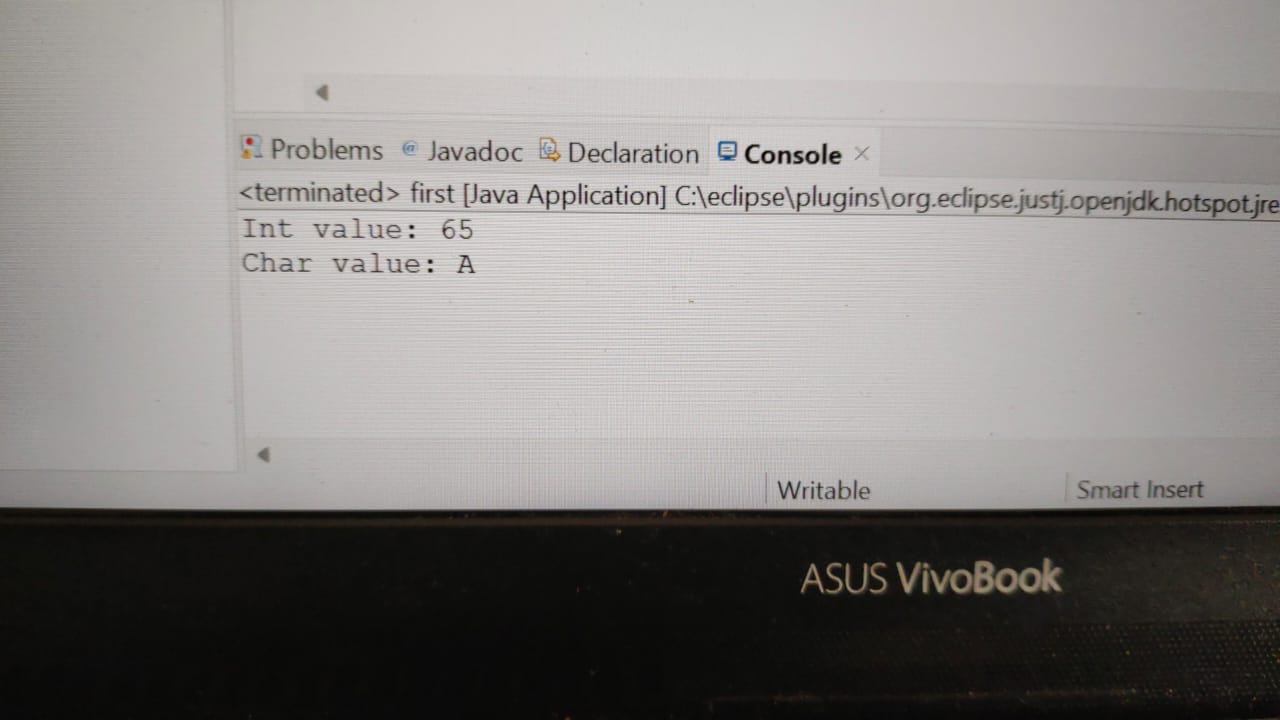
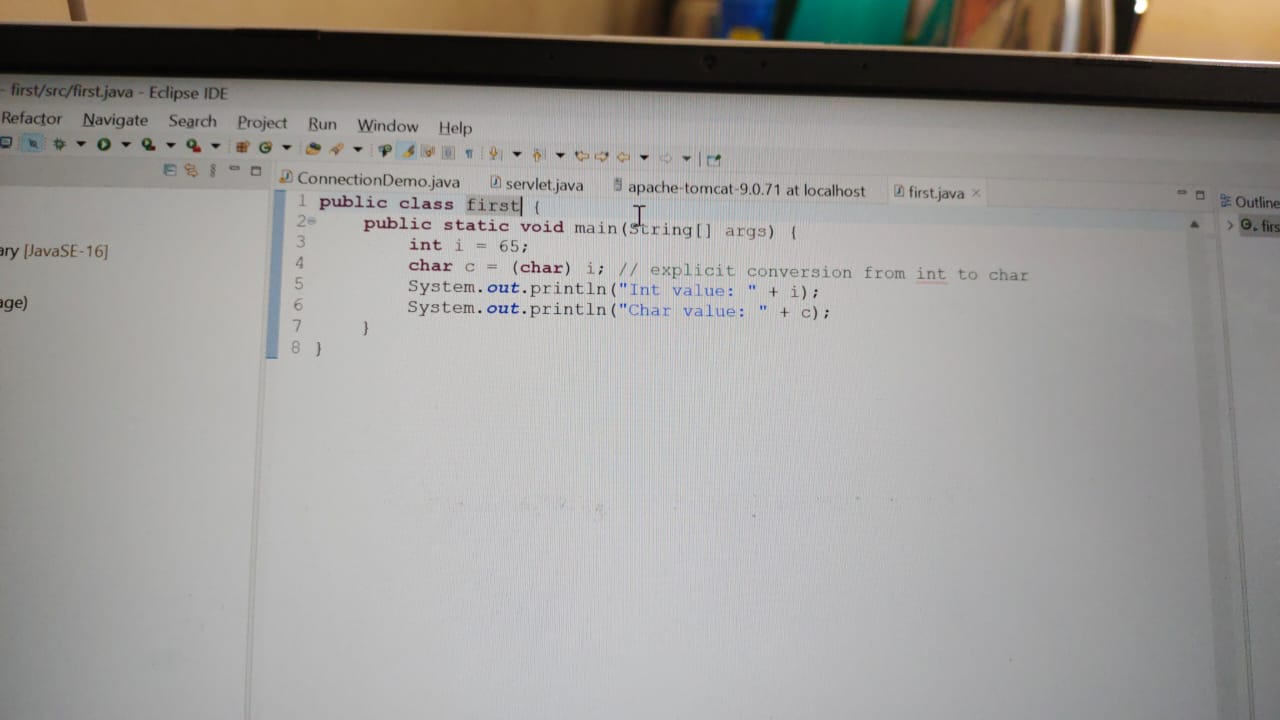
**IMPLICIT CONVERSION**

**INT TO DOUBLE**

****

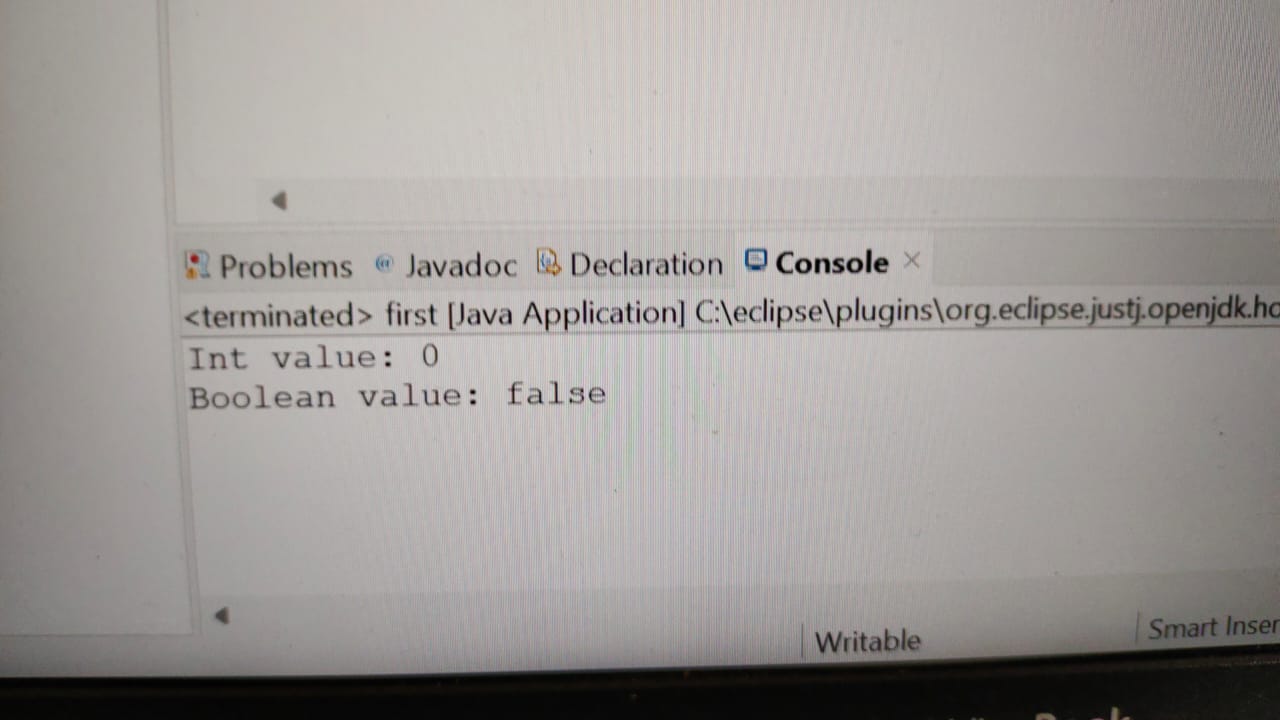
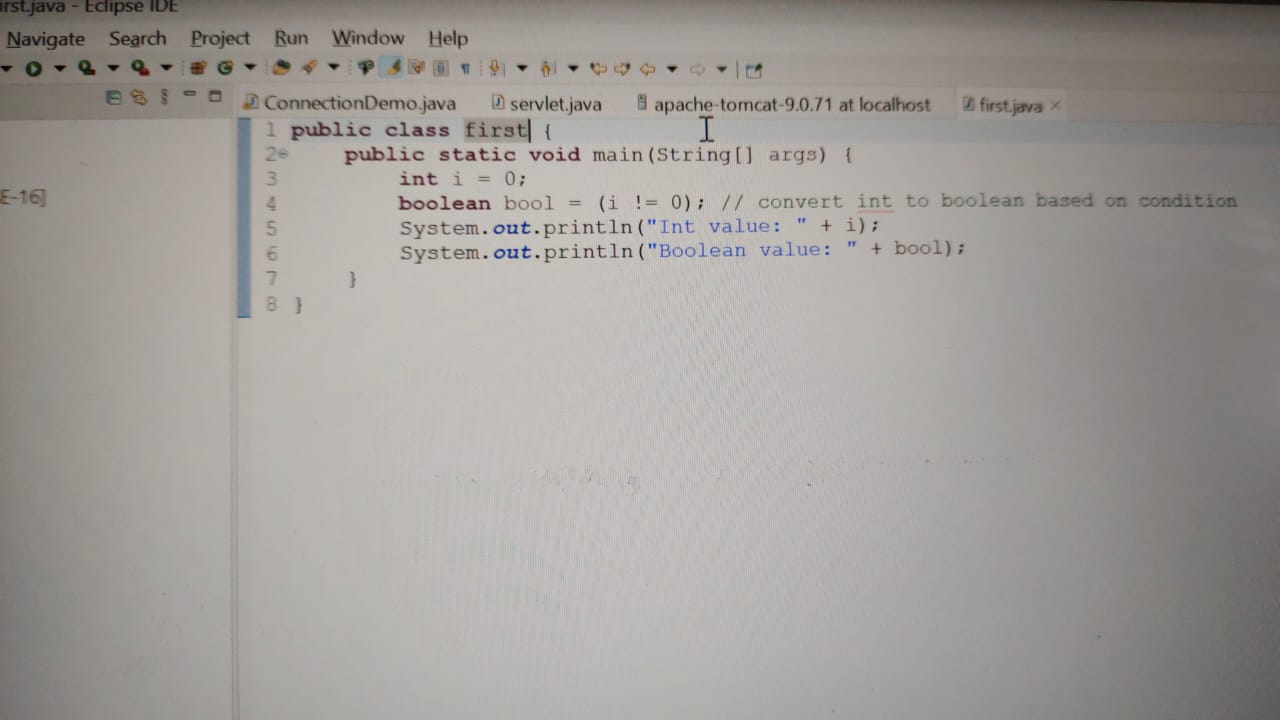
**IMPLICIT CONVERSION**

**INT TO CHARACTER**

****

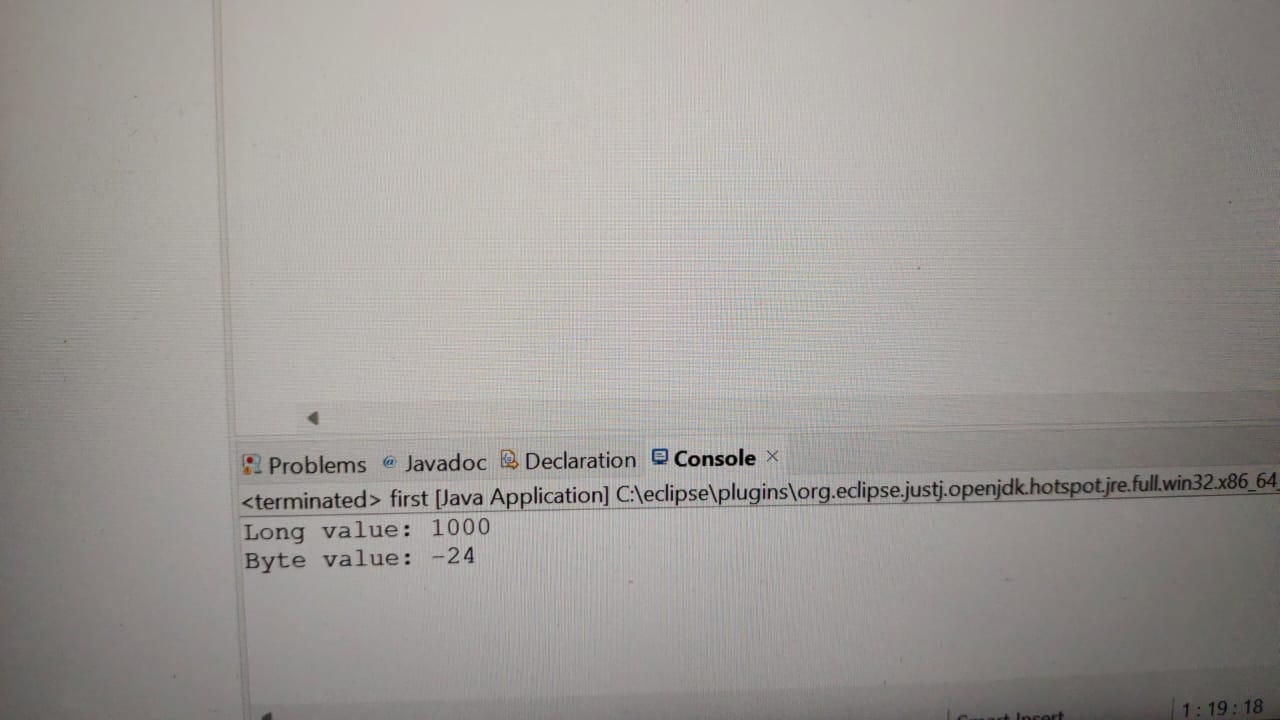
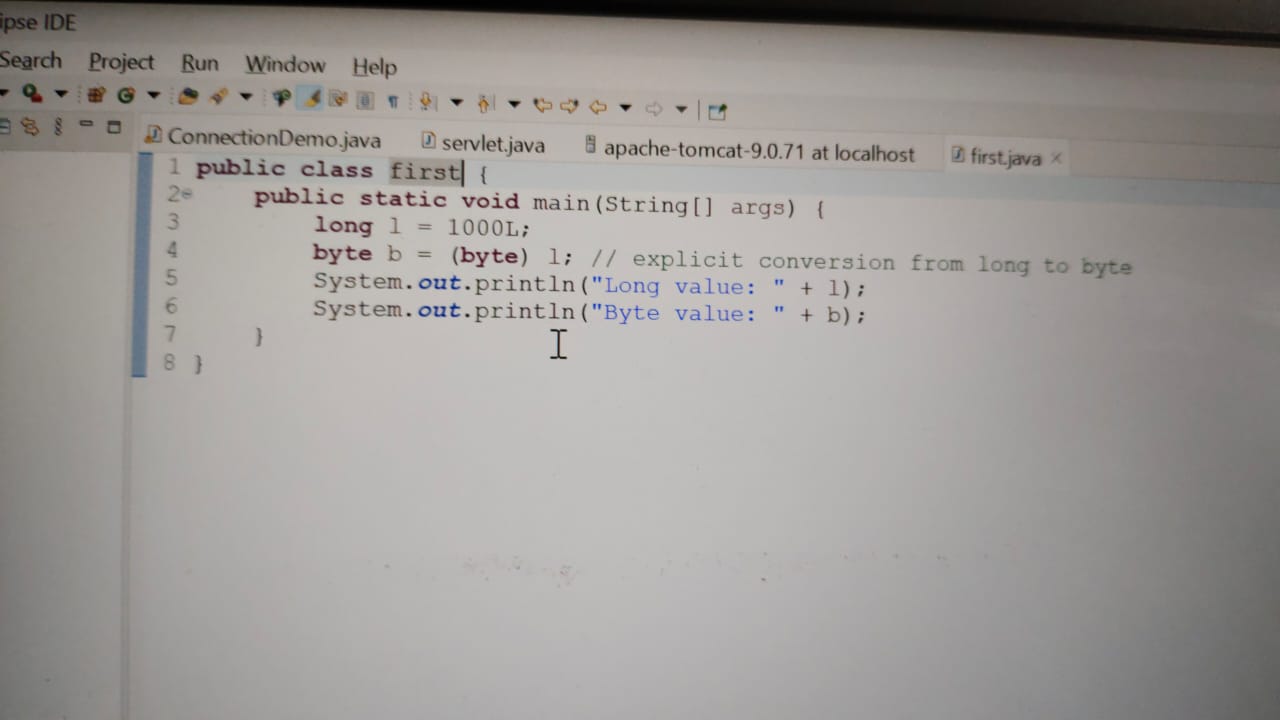
**EXPLICIT CONVERSION**

**INT TO BOOLEAN**

****

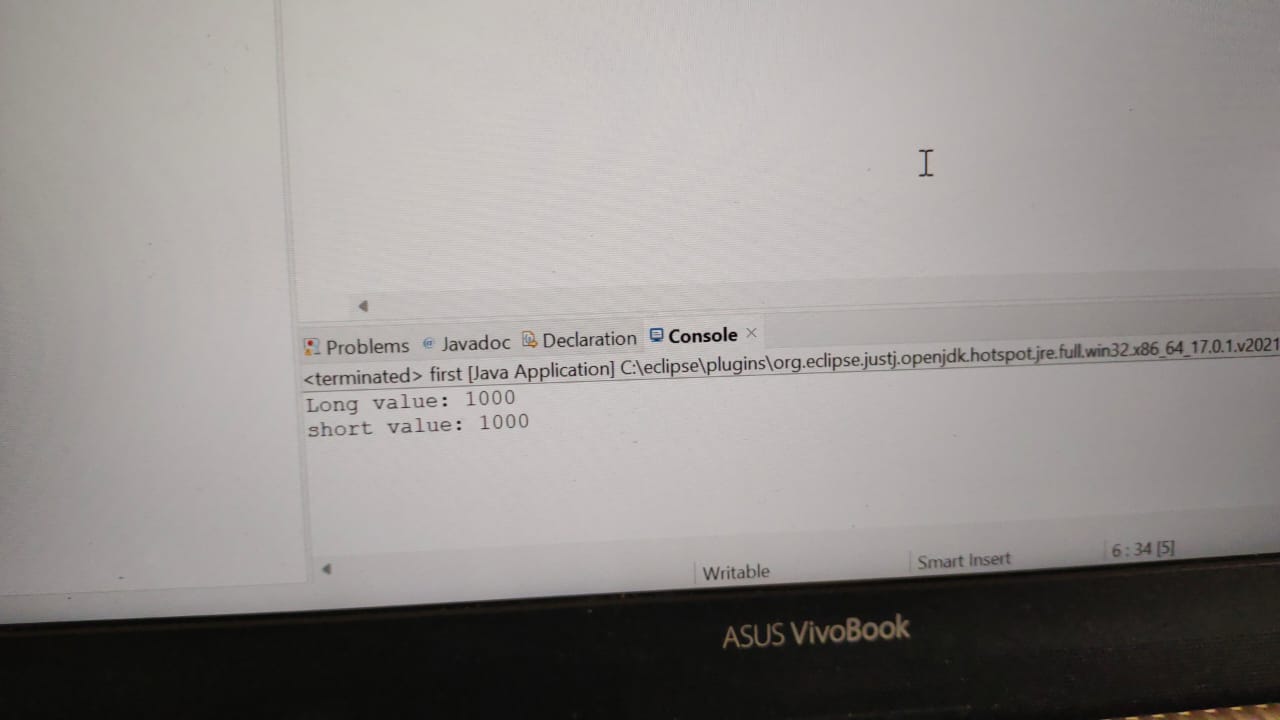
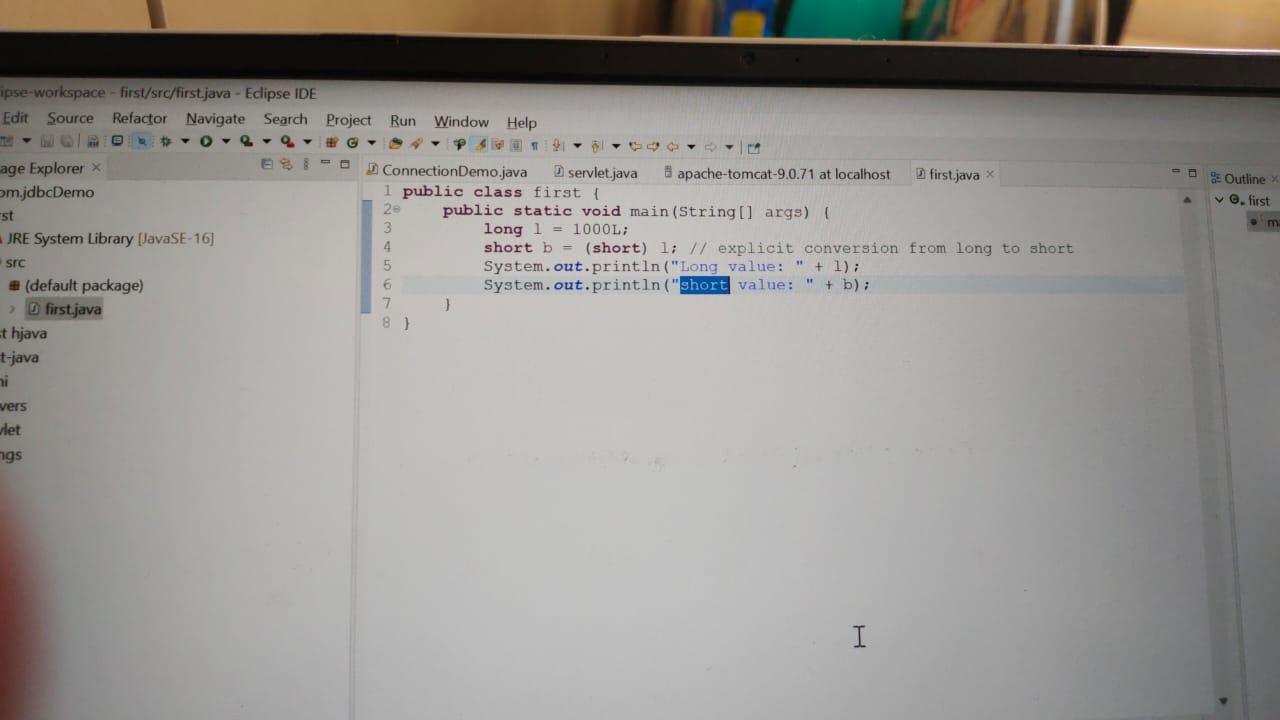
**EXPLICIT CONVERSION**

**LONG TO BYTE**

****

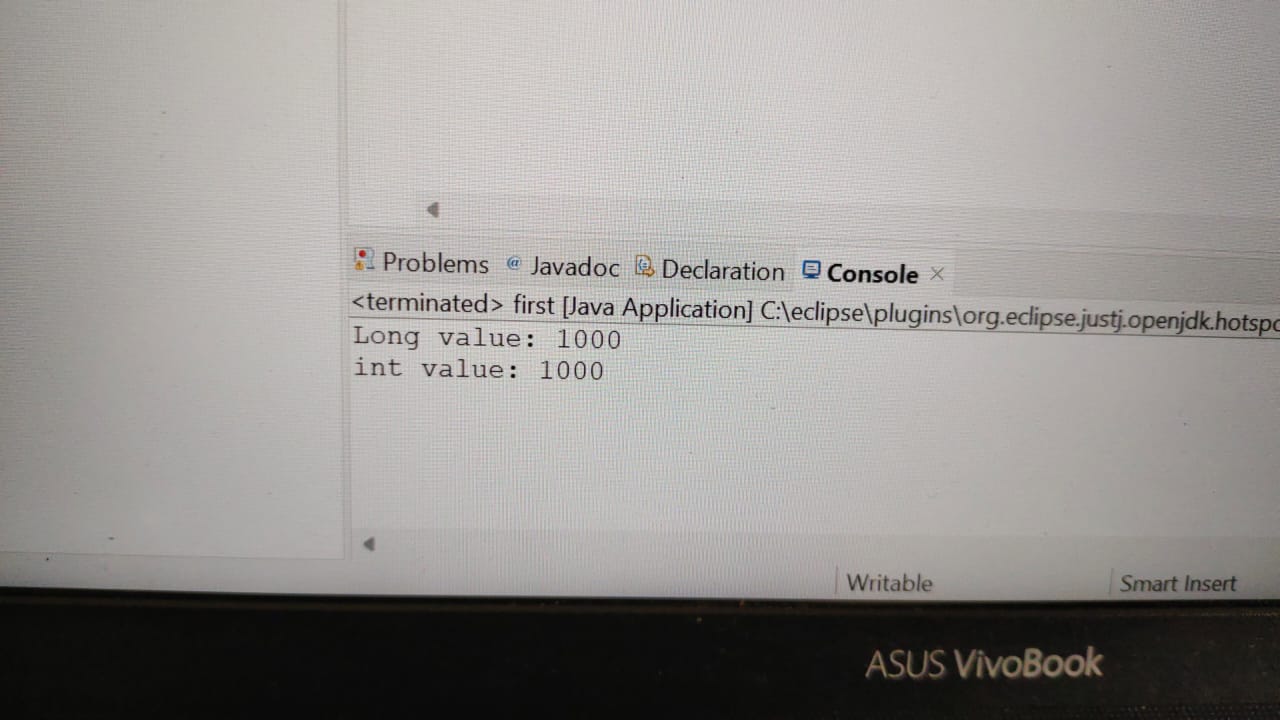
**EXPLICIT CONVERSION**

**LONG TO SHORT**

****

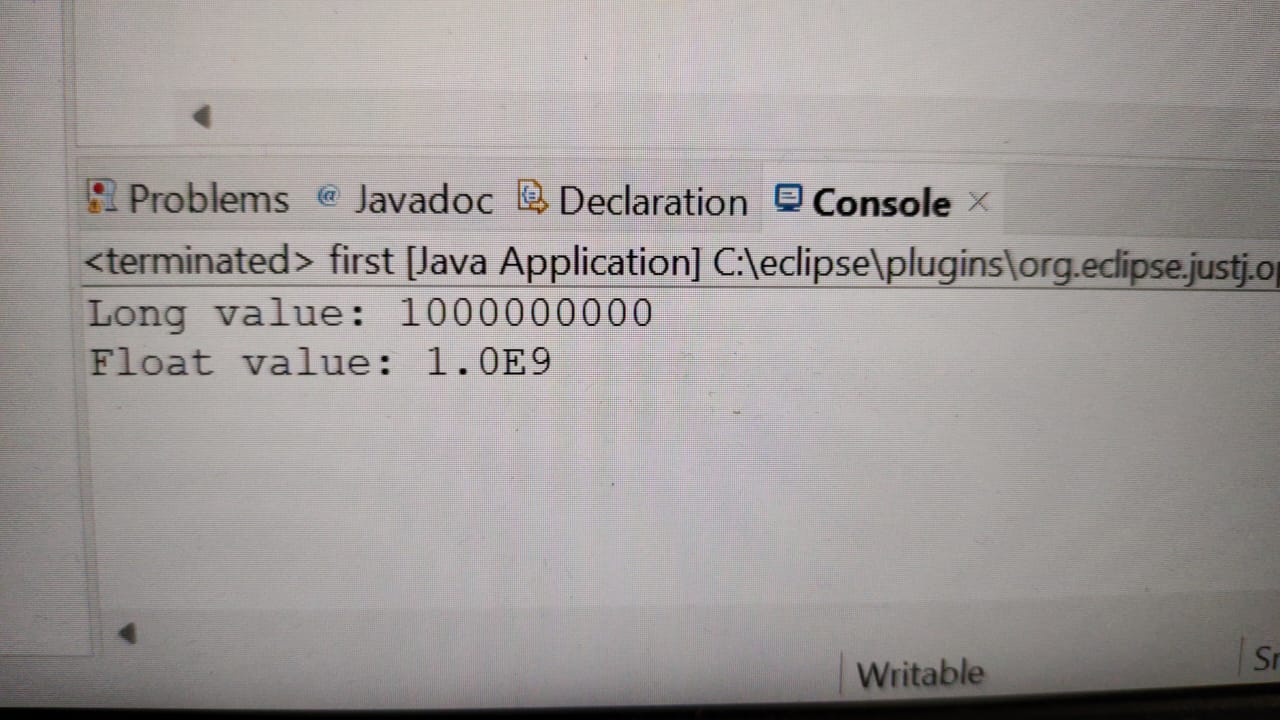
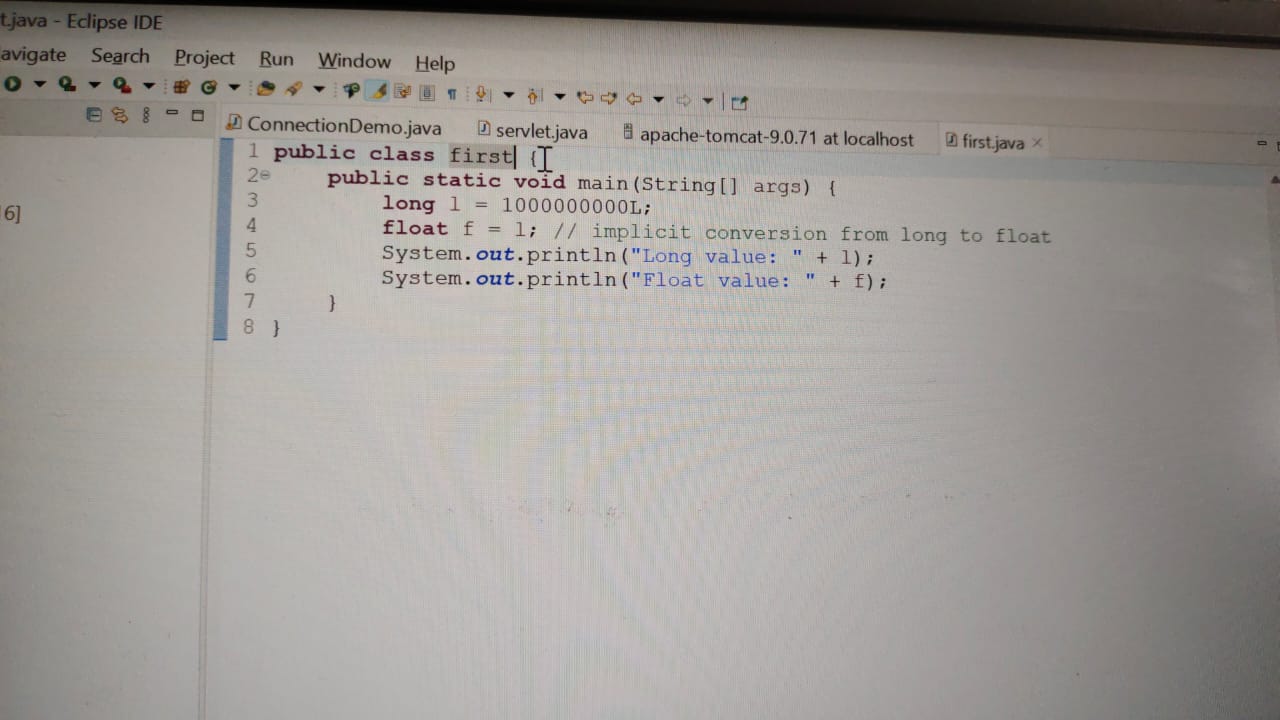
**EXPLICIT CONVERSION**

**LONG TO INT**

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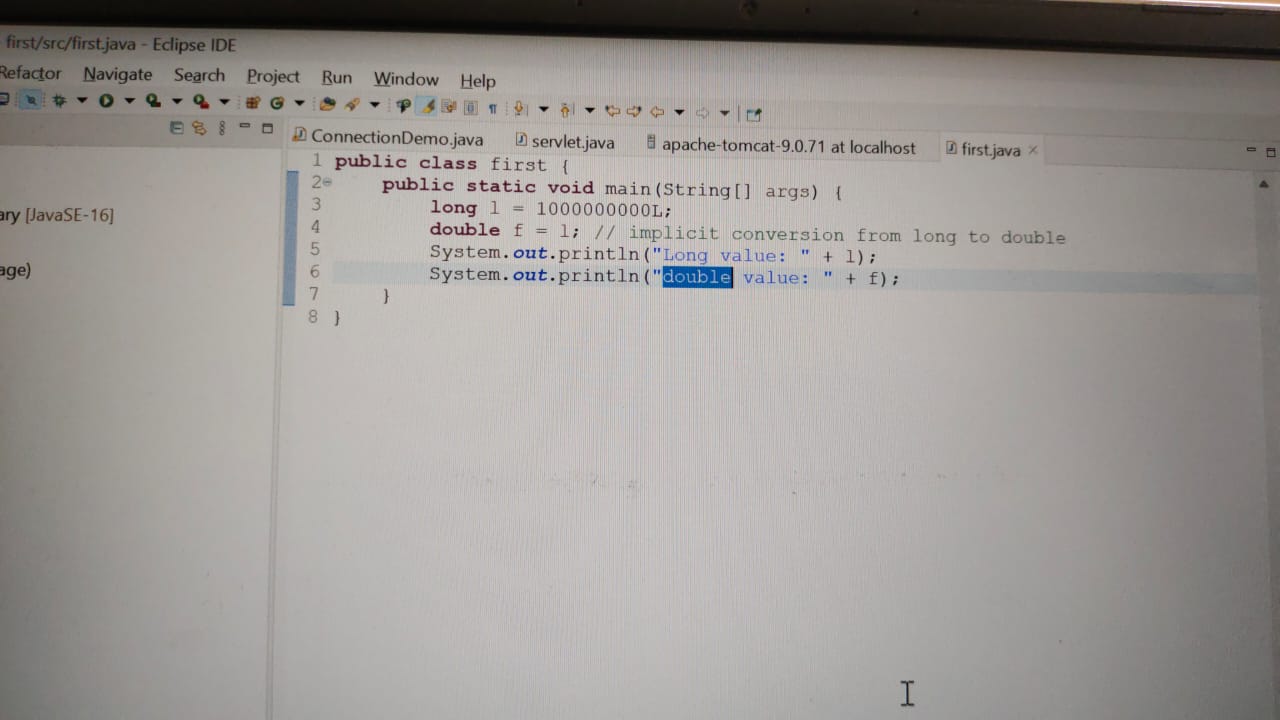
**EXPLICIT CONVERSION**

**LONG TO FLOAT**

****

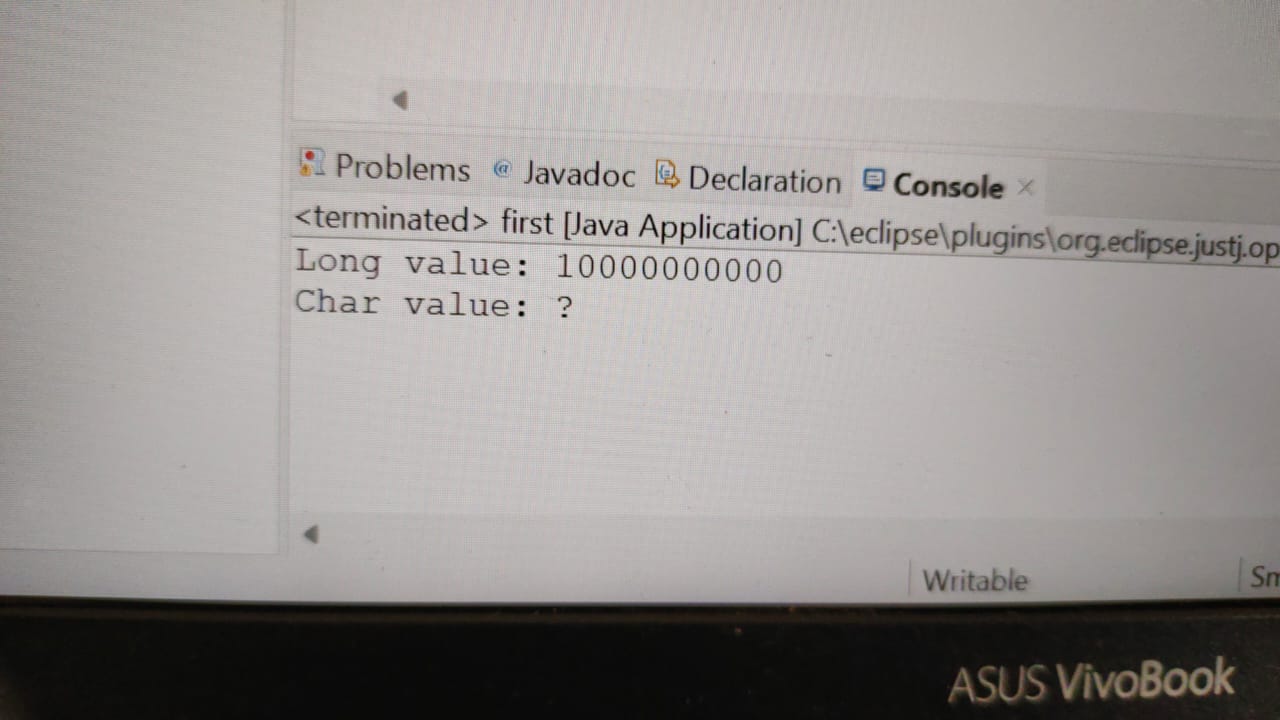
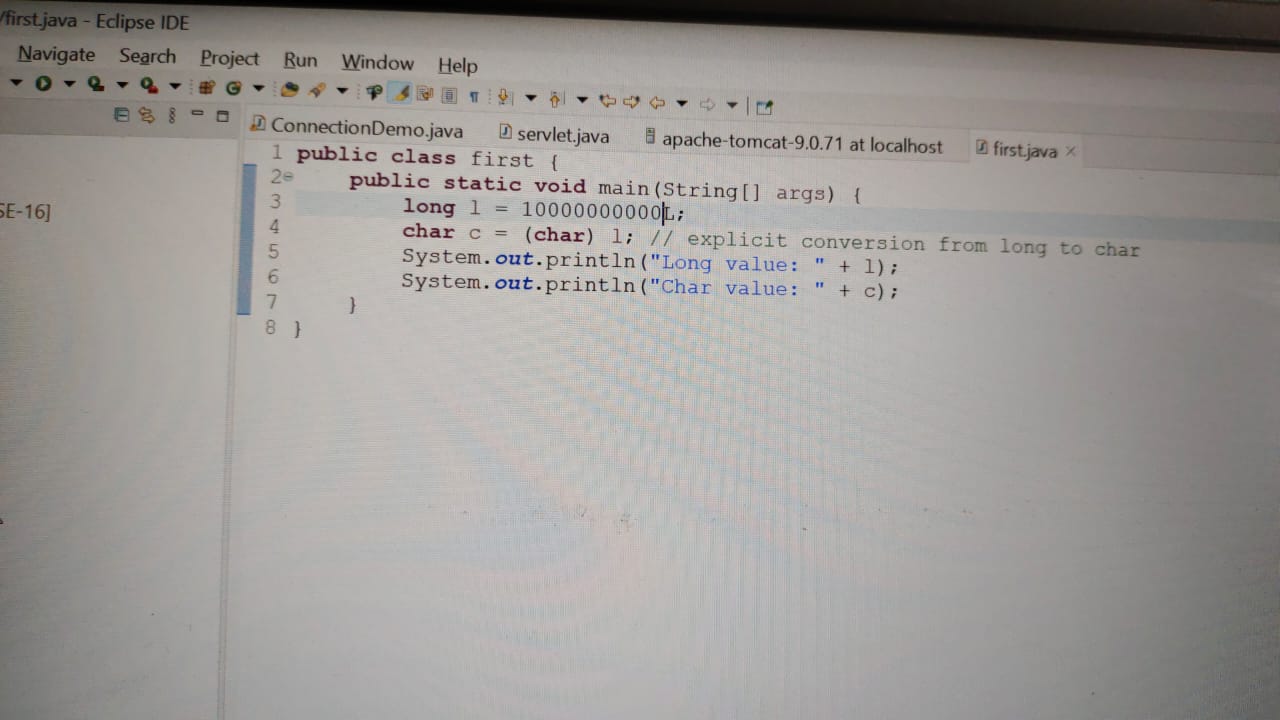
**IMPLICIT CONVERSION**

**LONG TO DOUBLE**

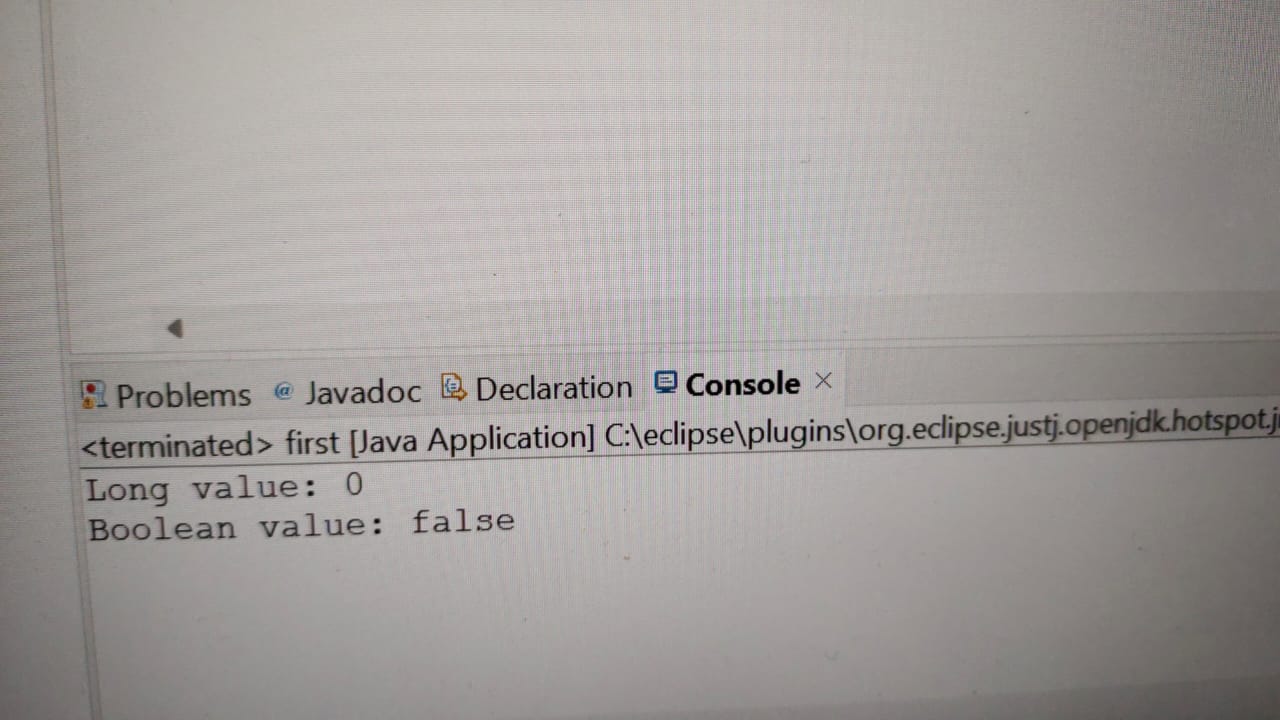
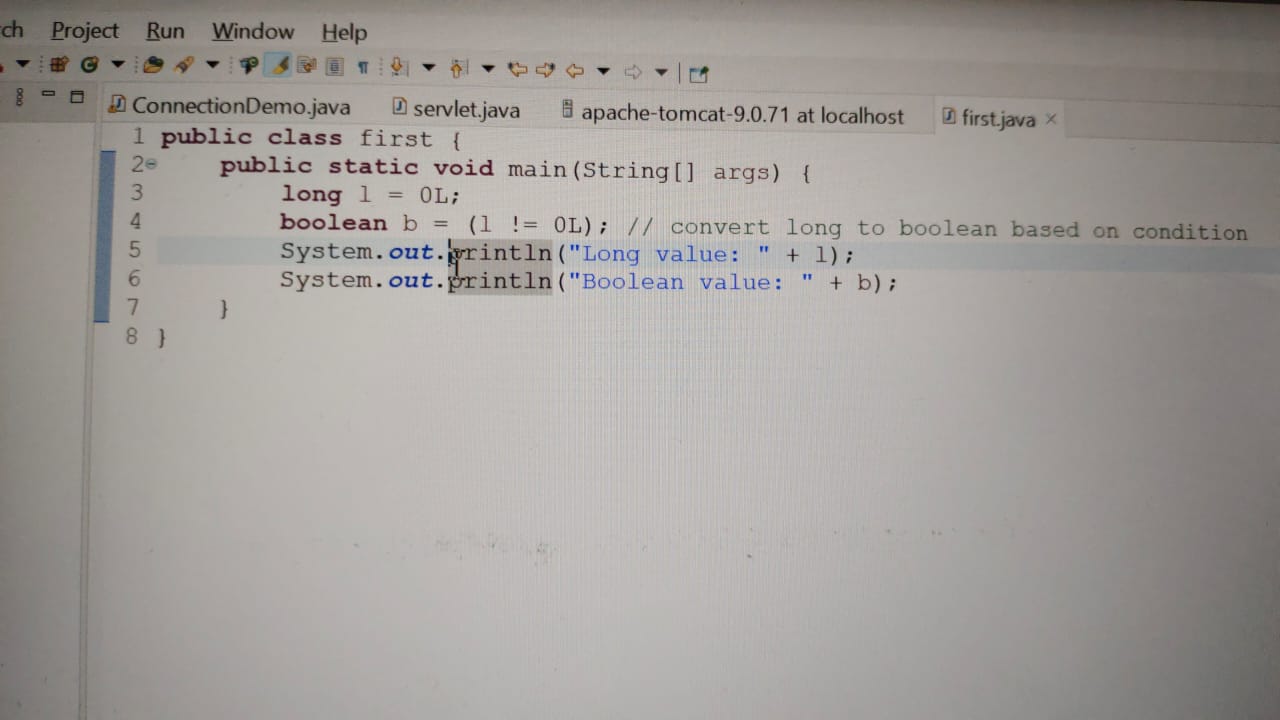
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**IMPLICIT CONVERSION**

**LONG TO CHARACTER**

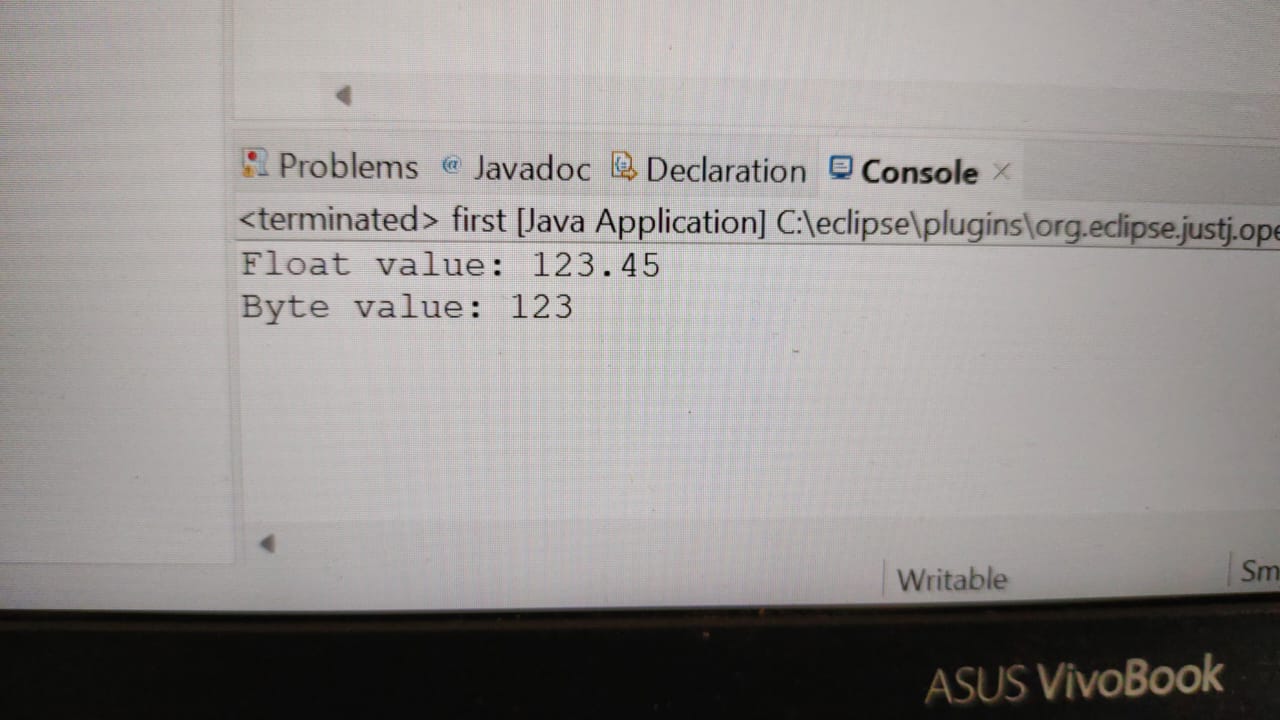
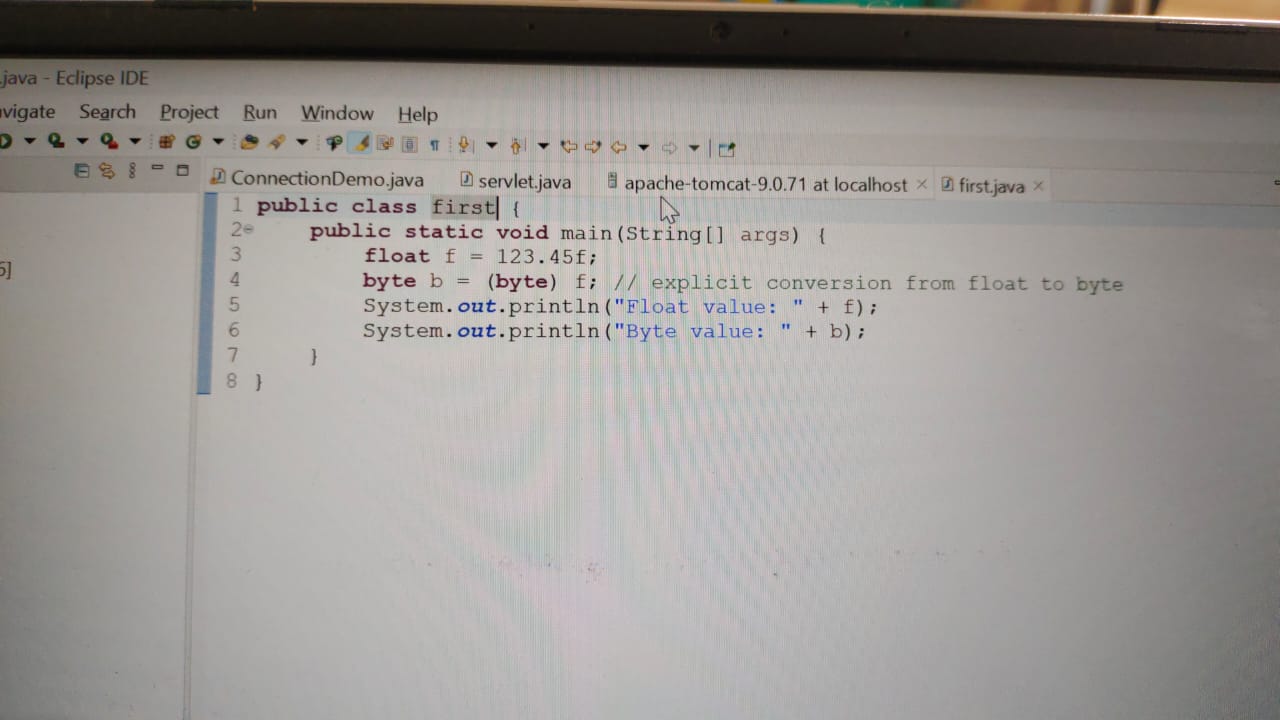
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**EXPLICIT CONVERSION**

**LONG TO BOOLEAN**

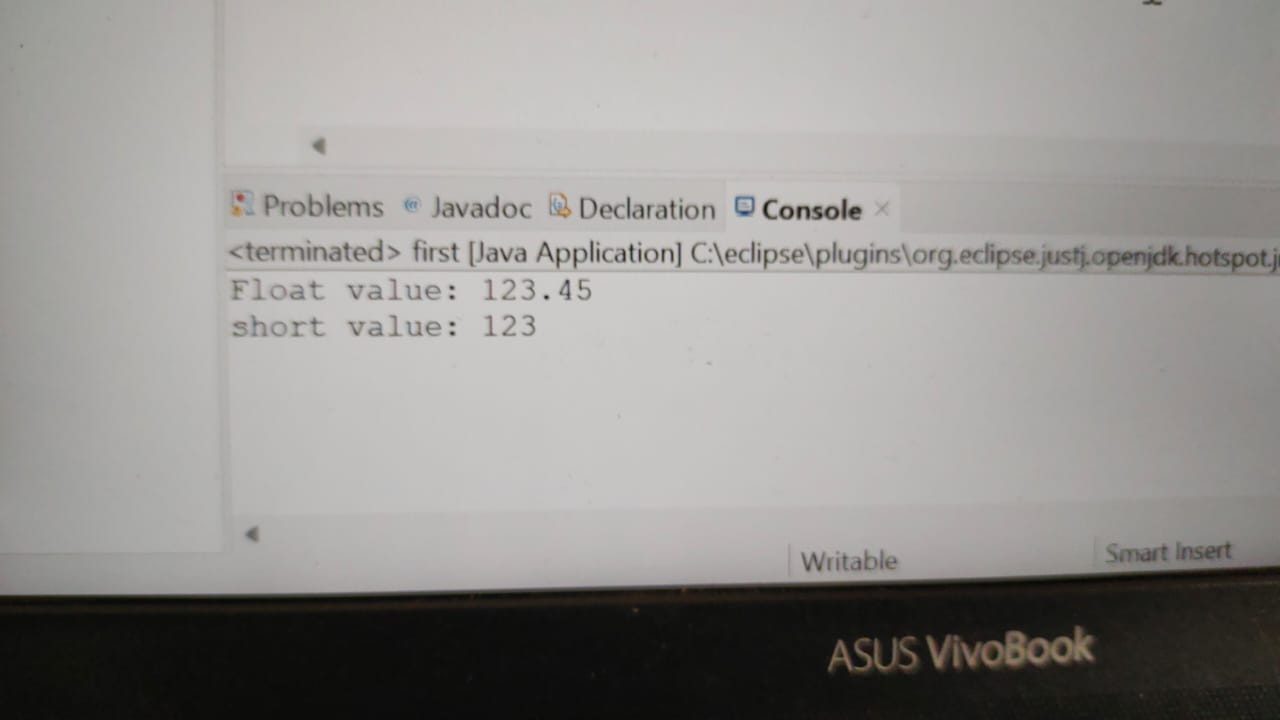
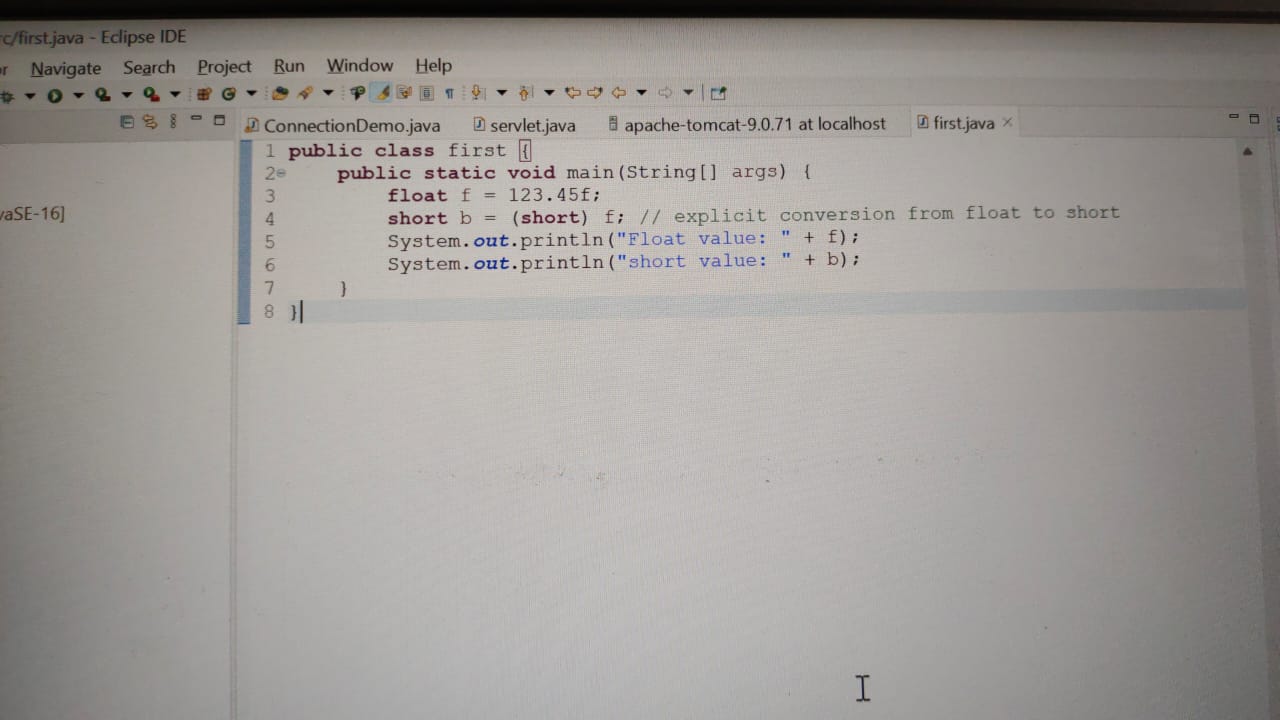
**EXPLICIT CONVERSION**

**FLOAT TO BYTE**

****

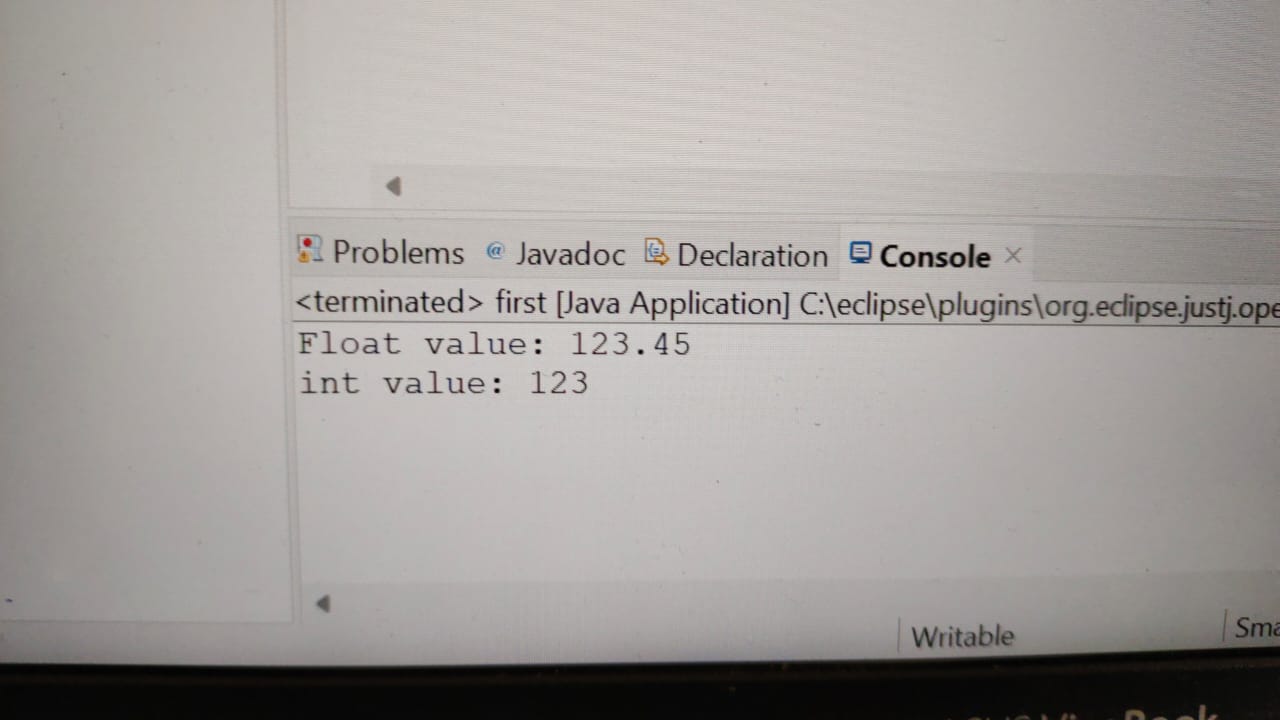
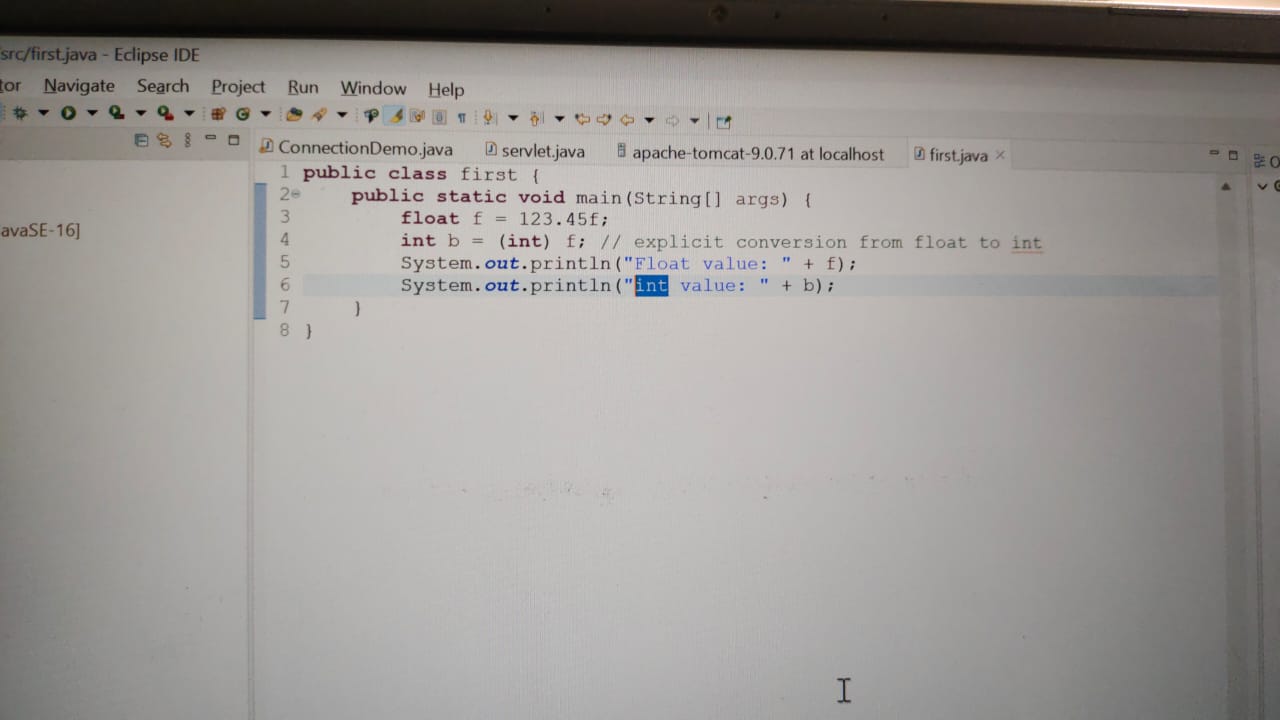
**EXPLICIT CONVERSION**

**FLOAT TO SHORT**

****

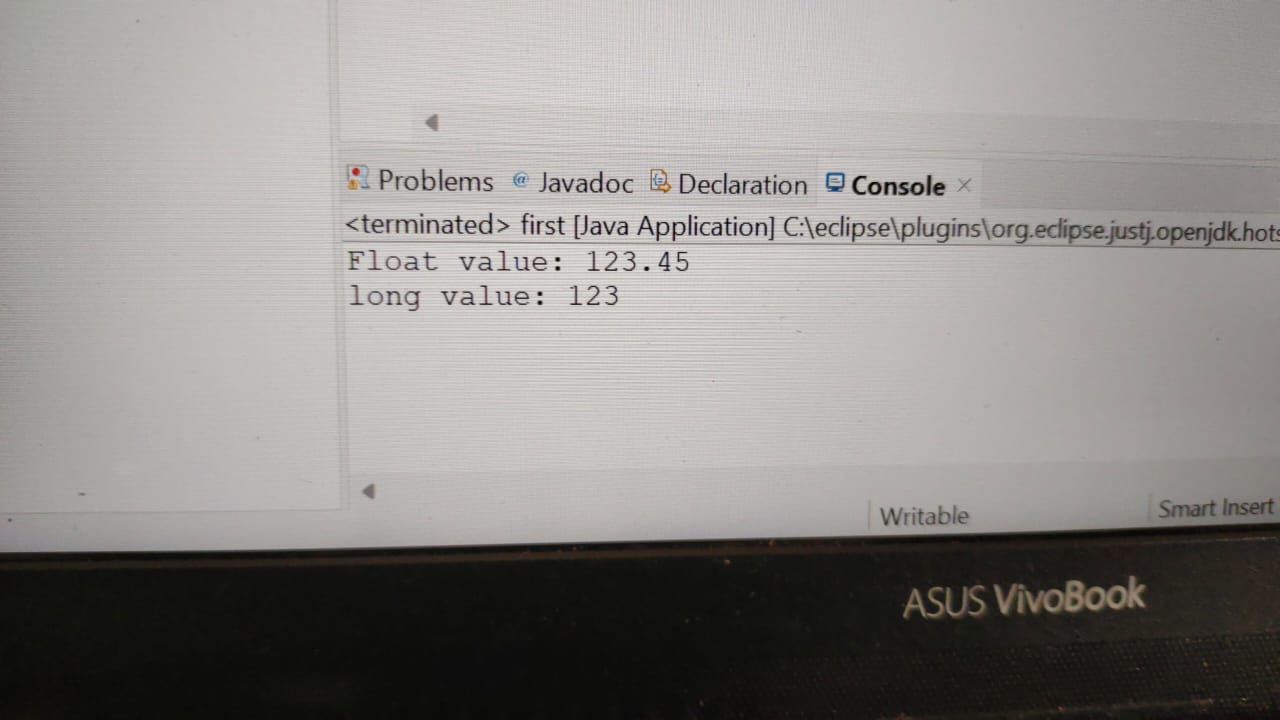
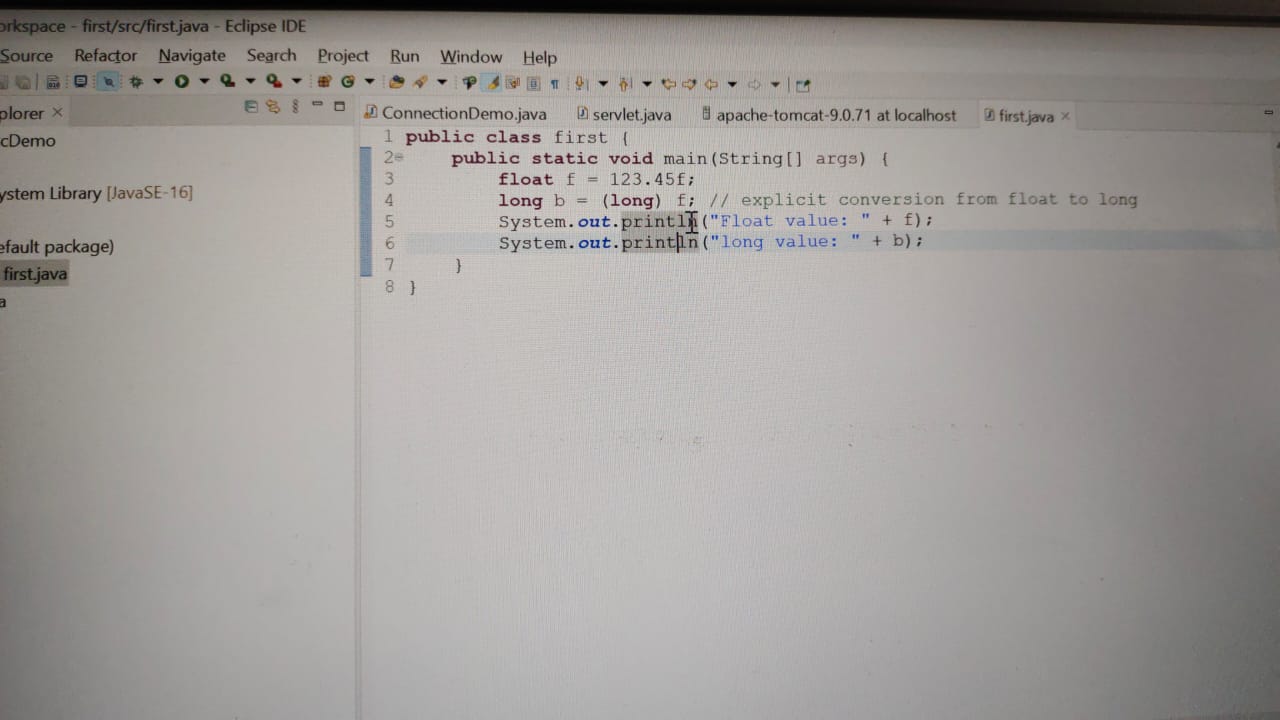
**EXPLICIT CONVERSION**

**FLOAT TO INT**

****

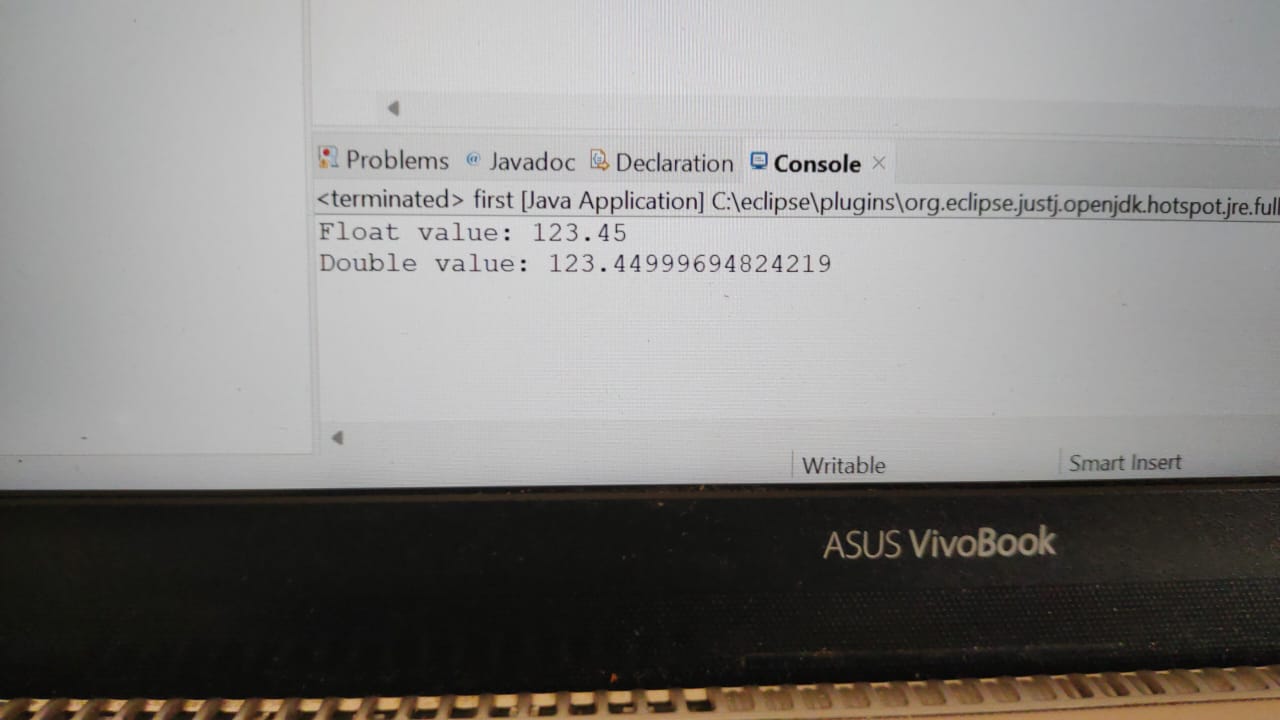
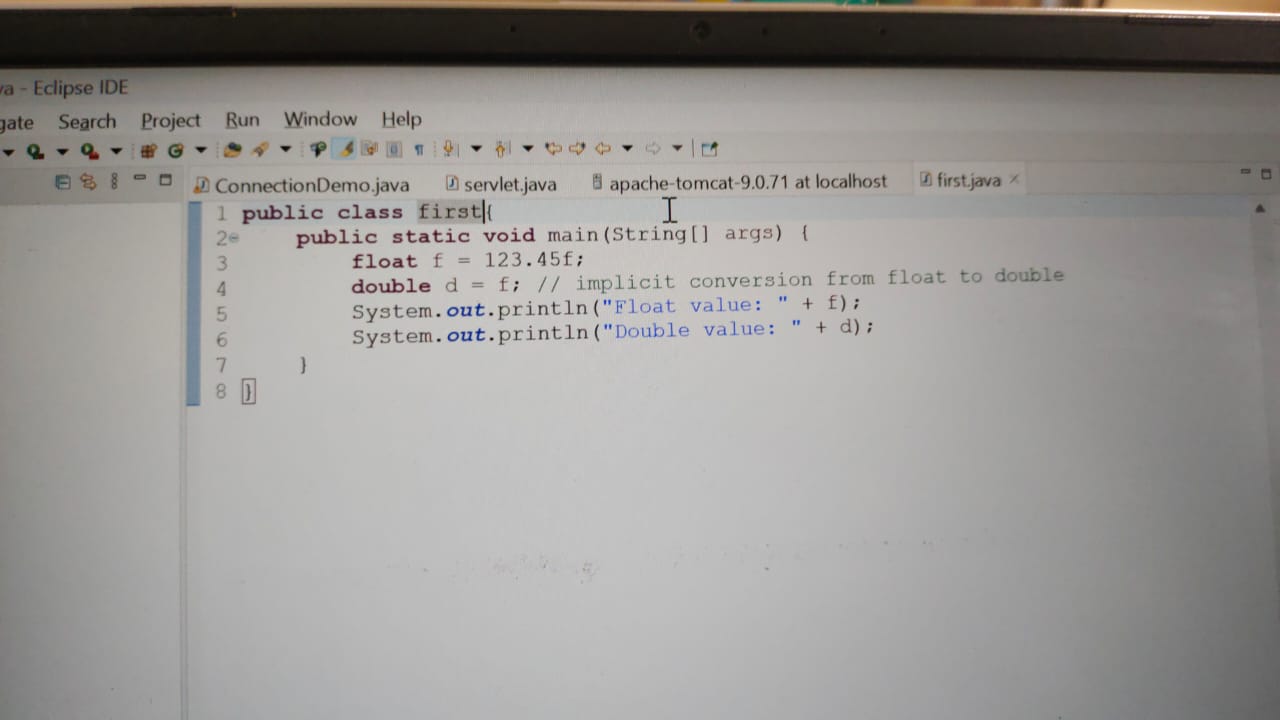
**EXPLICIT CONVERSION**

**FLOAT TO LONG**

****

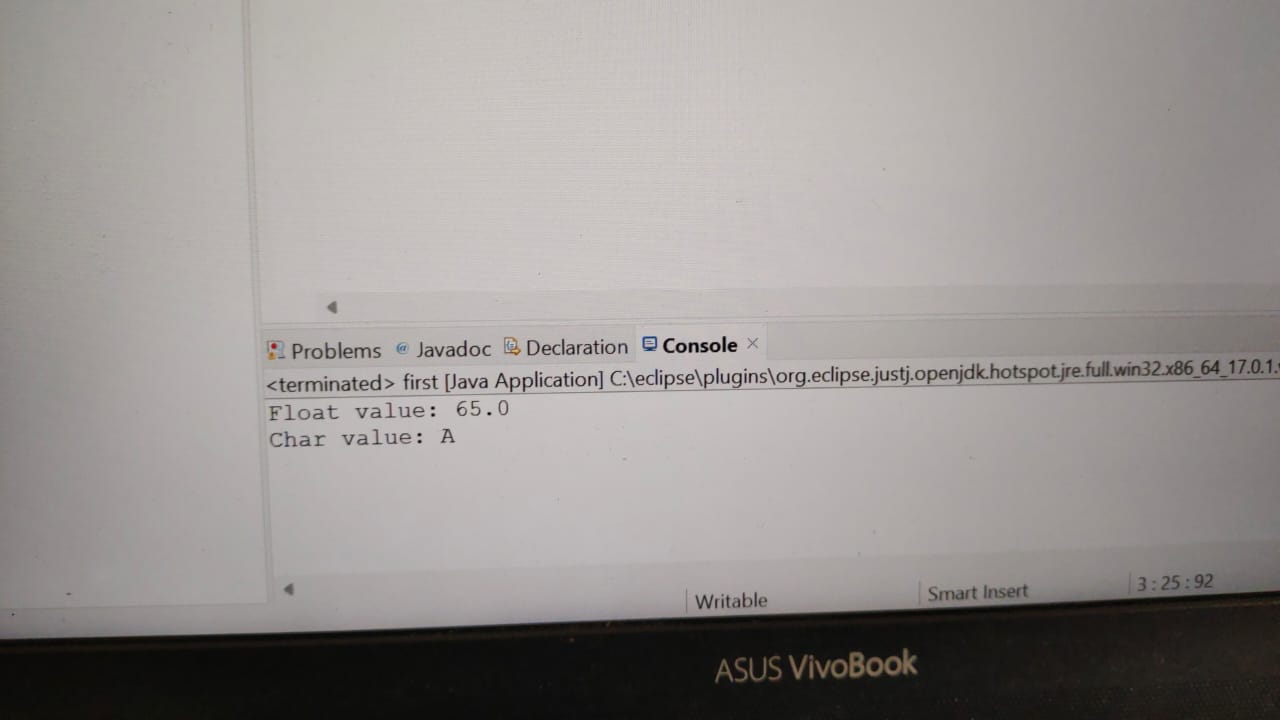
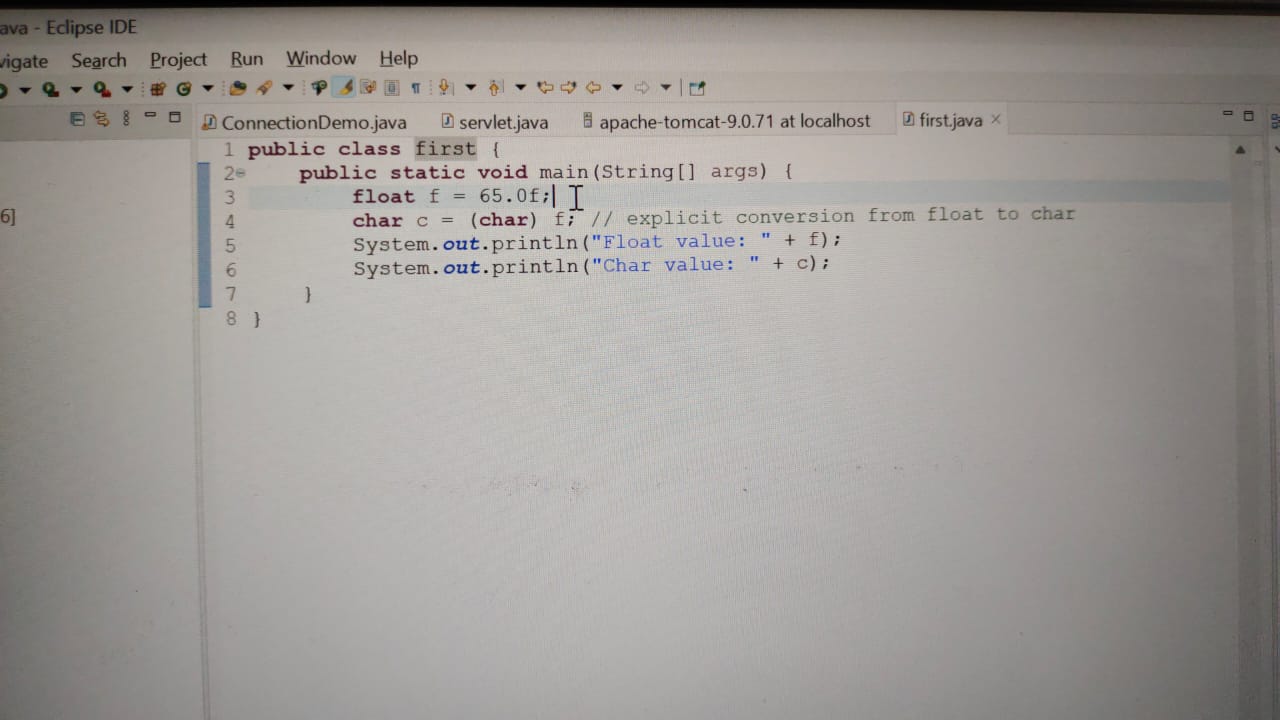
**EXPLICIT CONVERSION**

**FLOAT TO DOUBLE**

****

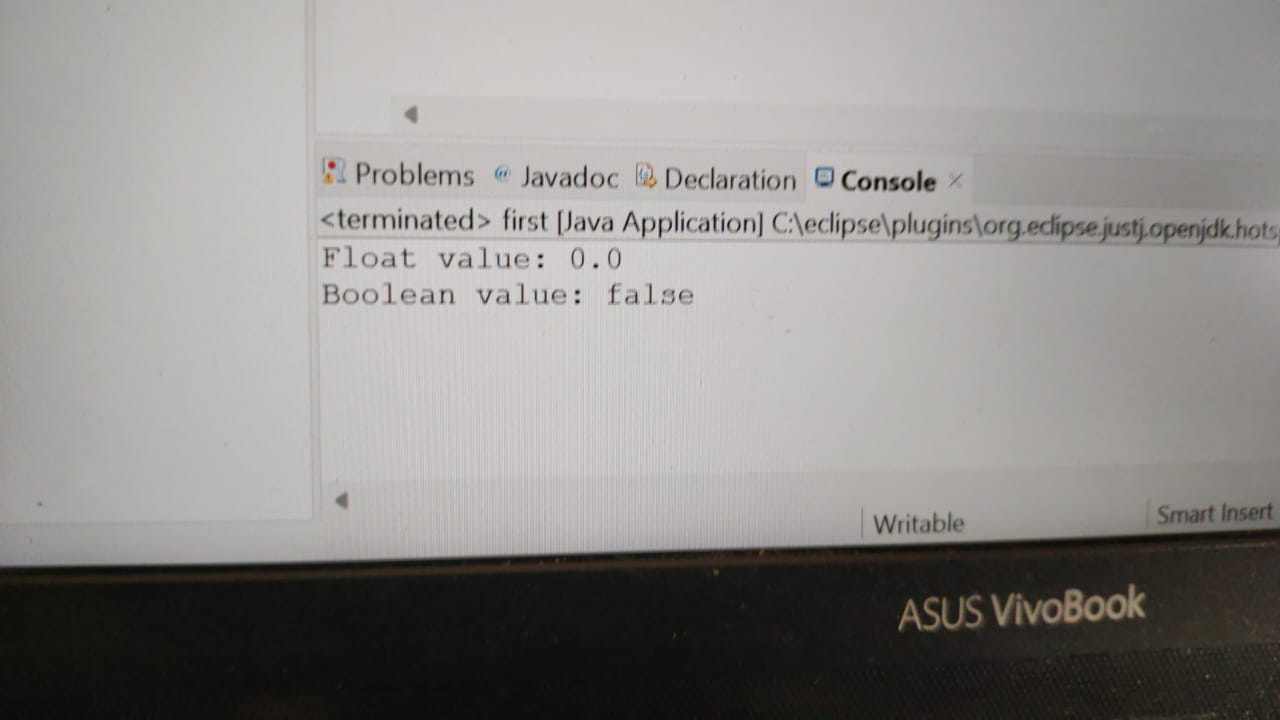
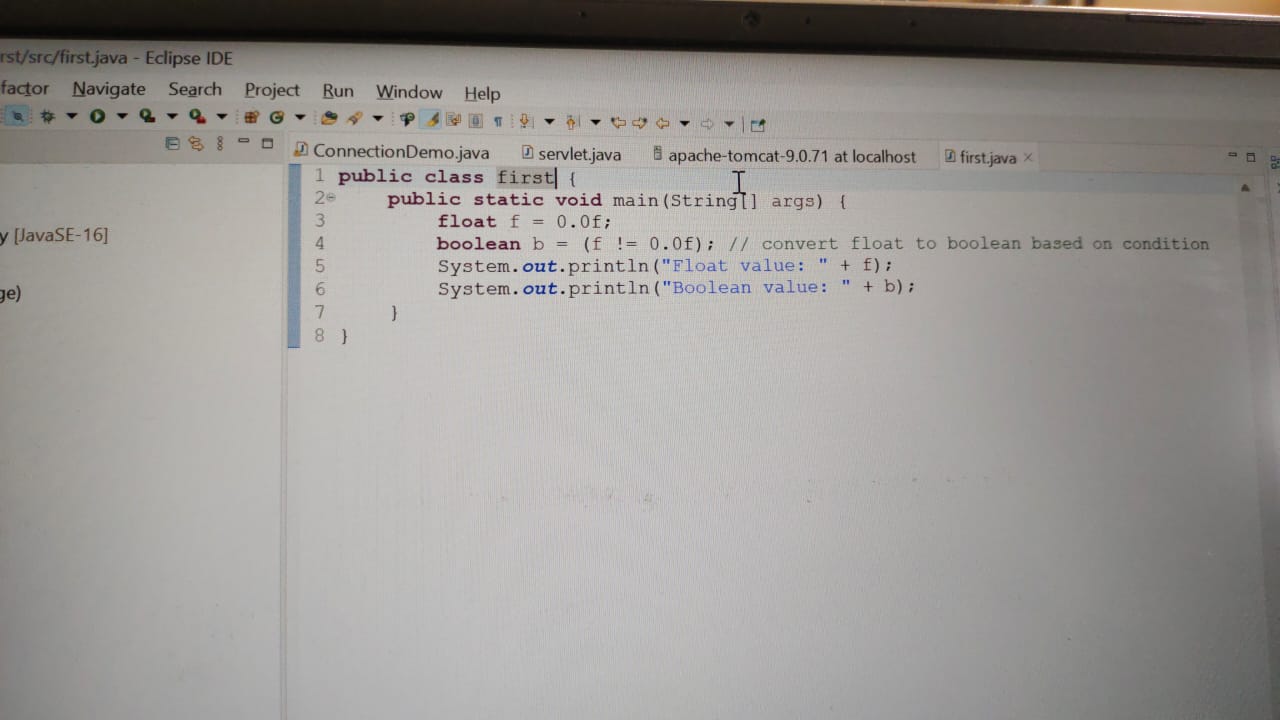
**IMPLICIT CONVERSION**

**FLOAT TO CHARACTER**

****

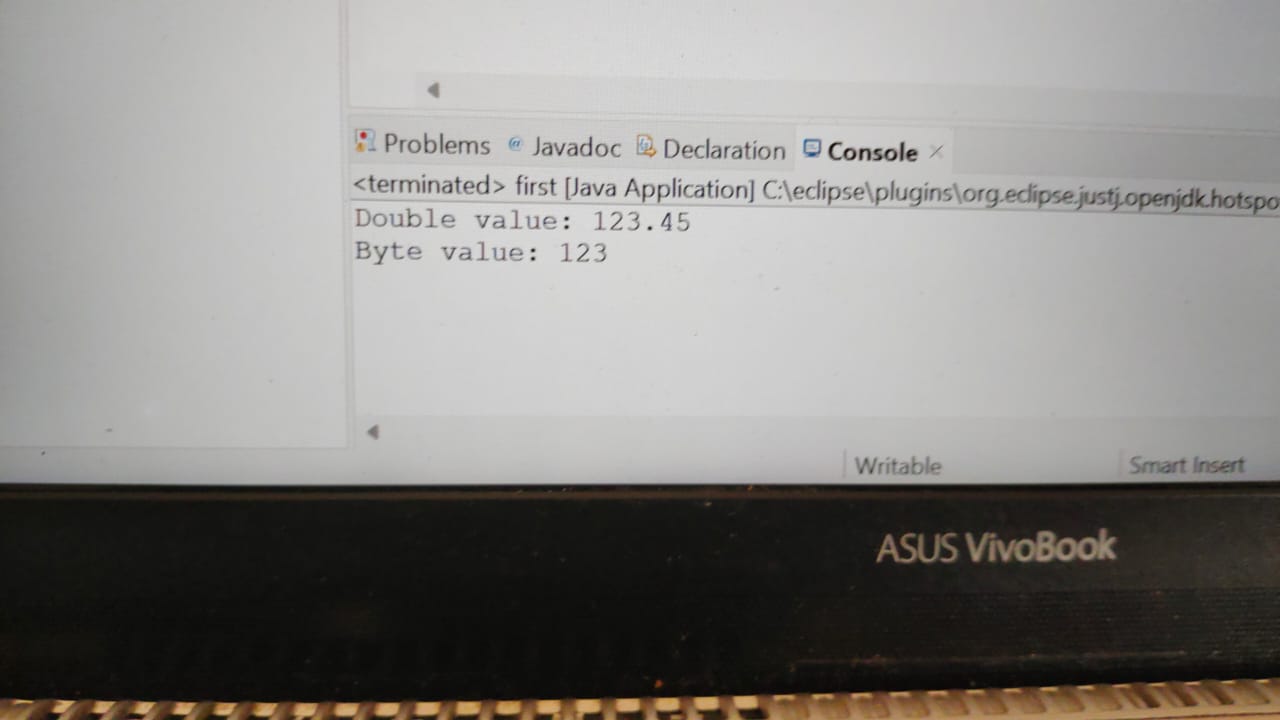
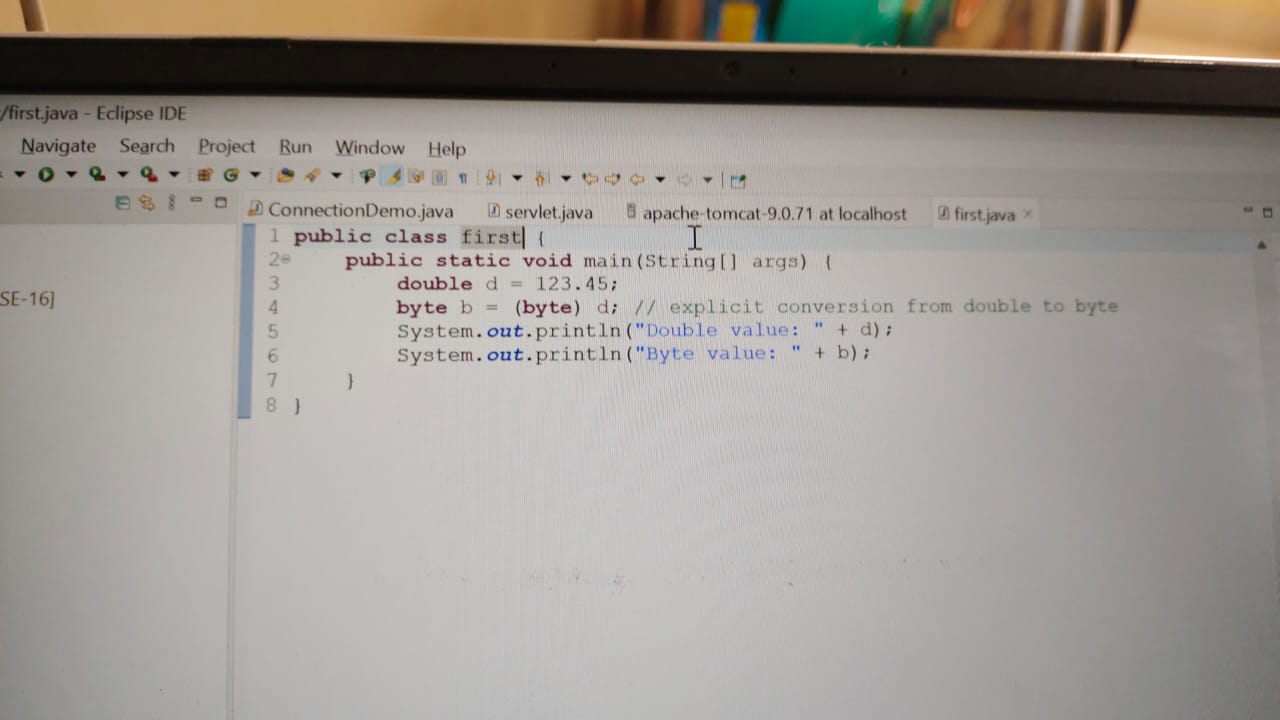
**EXPLICIT CONVERSION**

**FLOAT TO BOOLEAN**

****

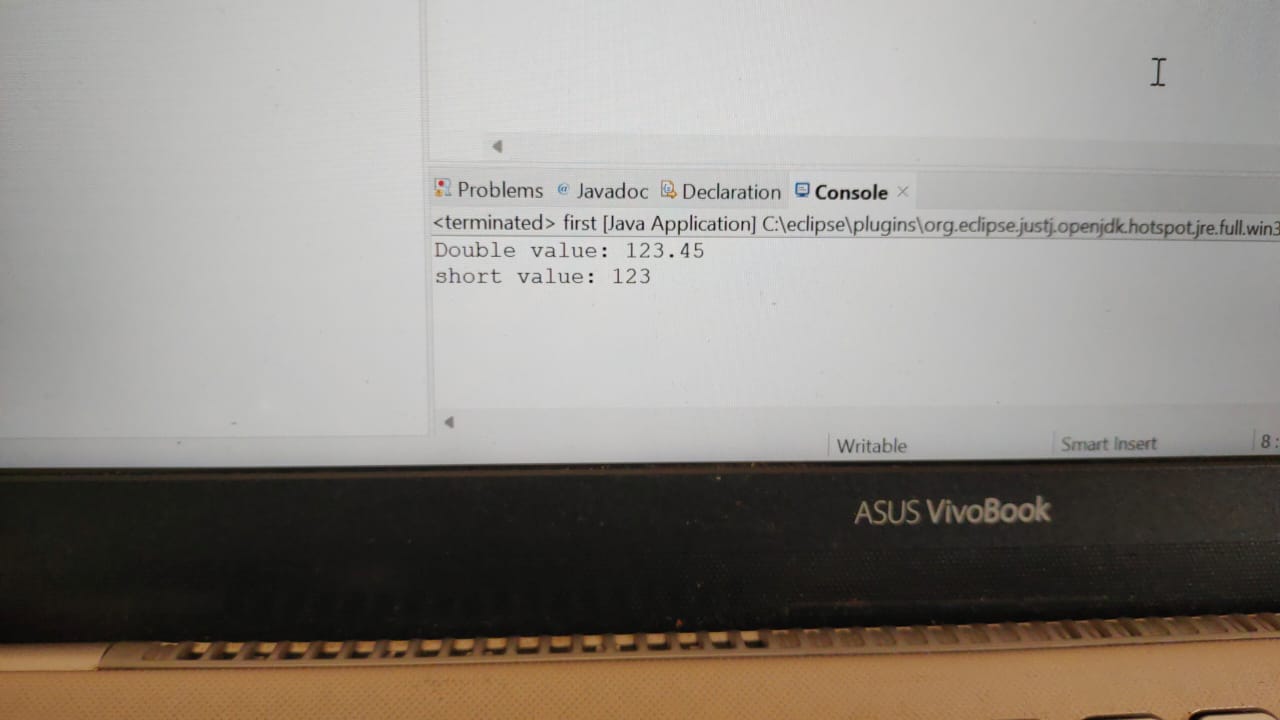
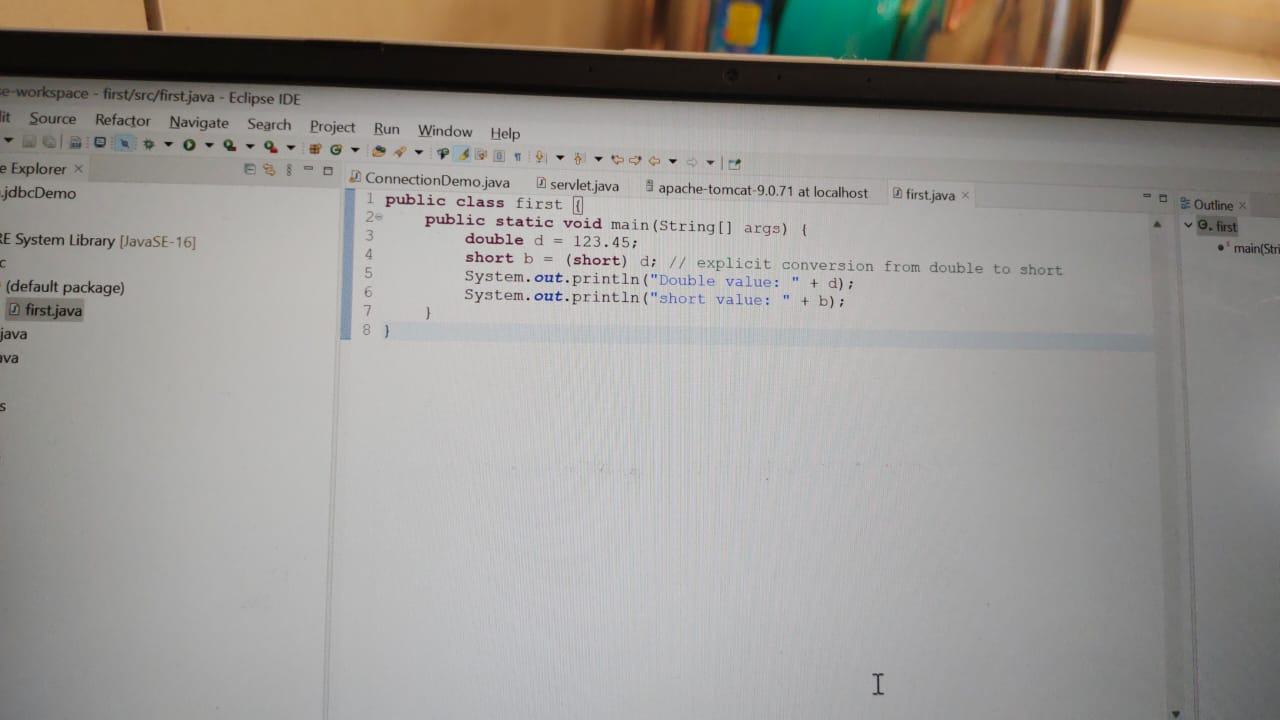
**EXPLICIT CONVERSION**

**DOUBLE TO BYTE**

****

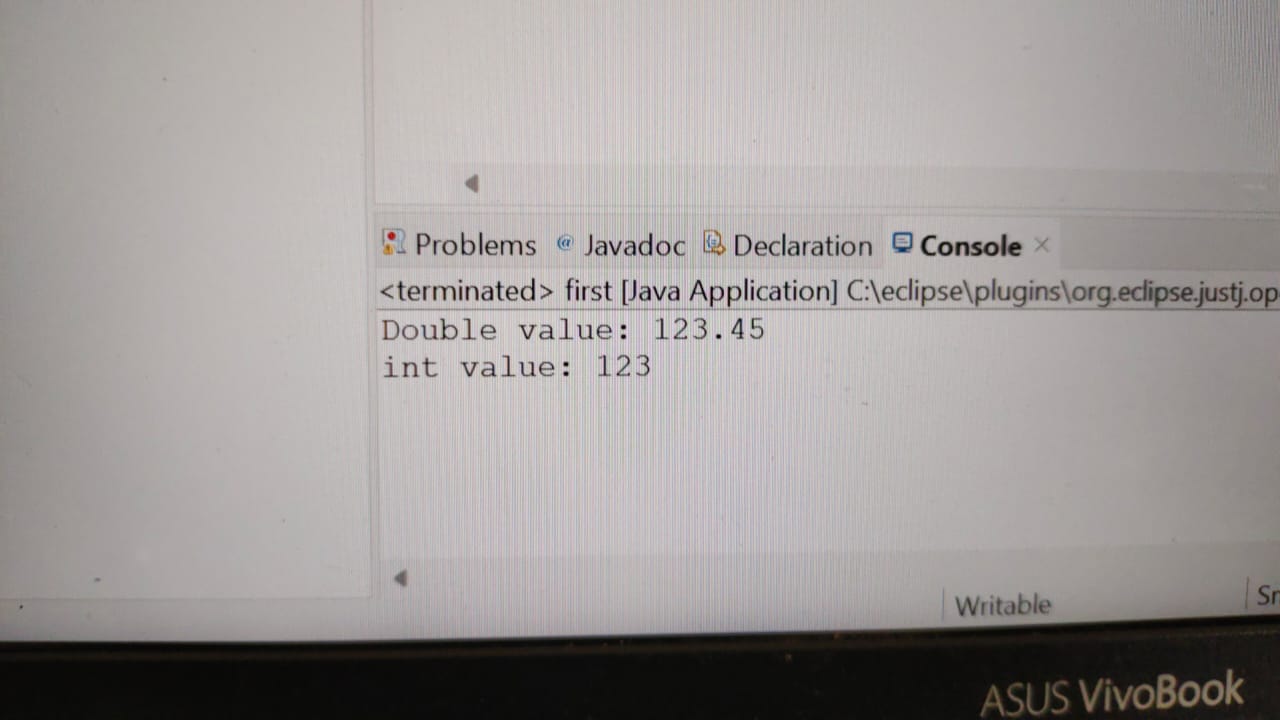
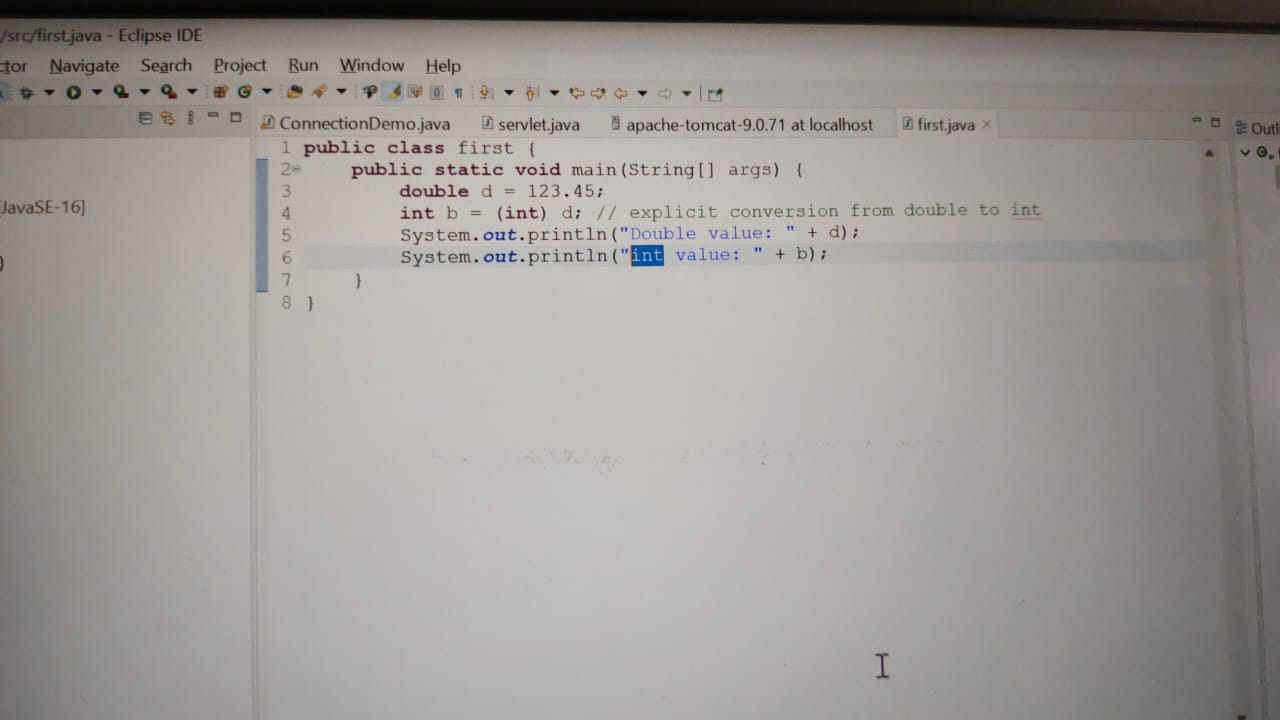
**EXPLICIT CONVERSION**

**DOUBLE TO SHORT**

****

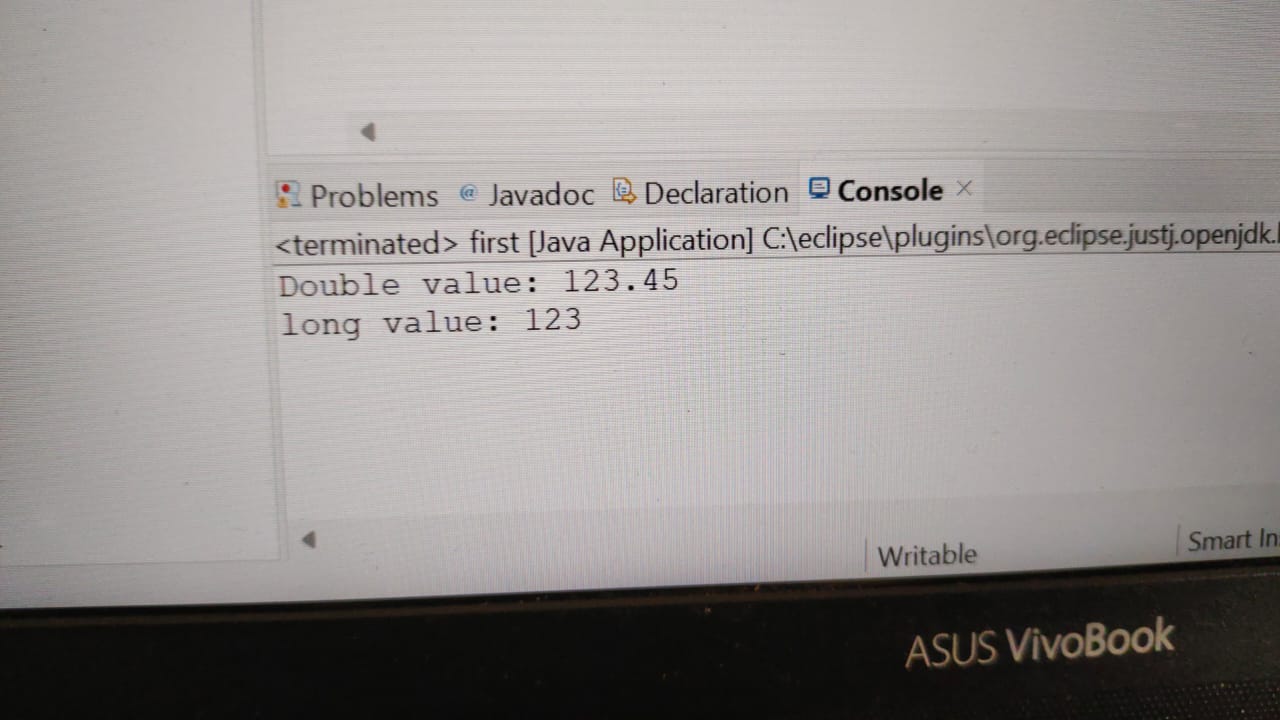
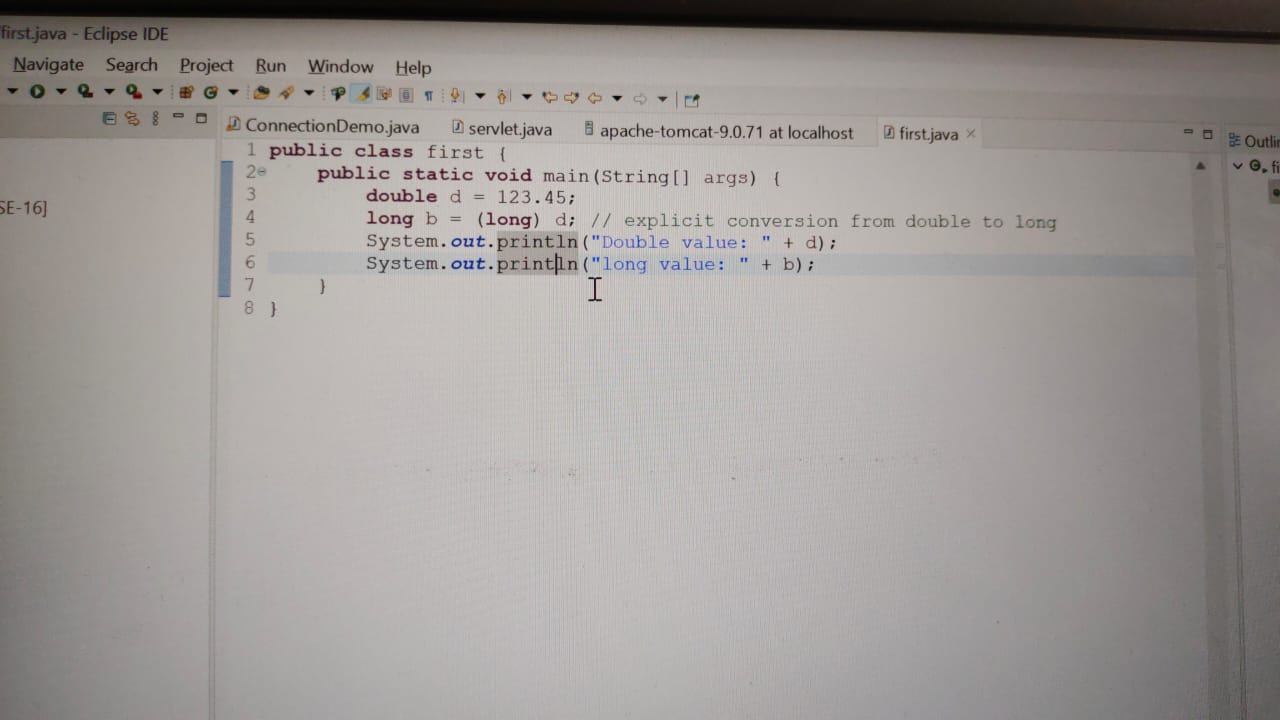
**EXPLICIT CONVERSION**

**DOUBLE TO INT**

****

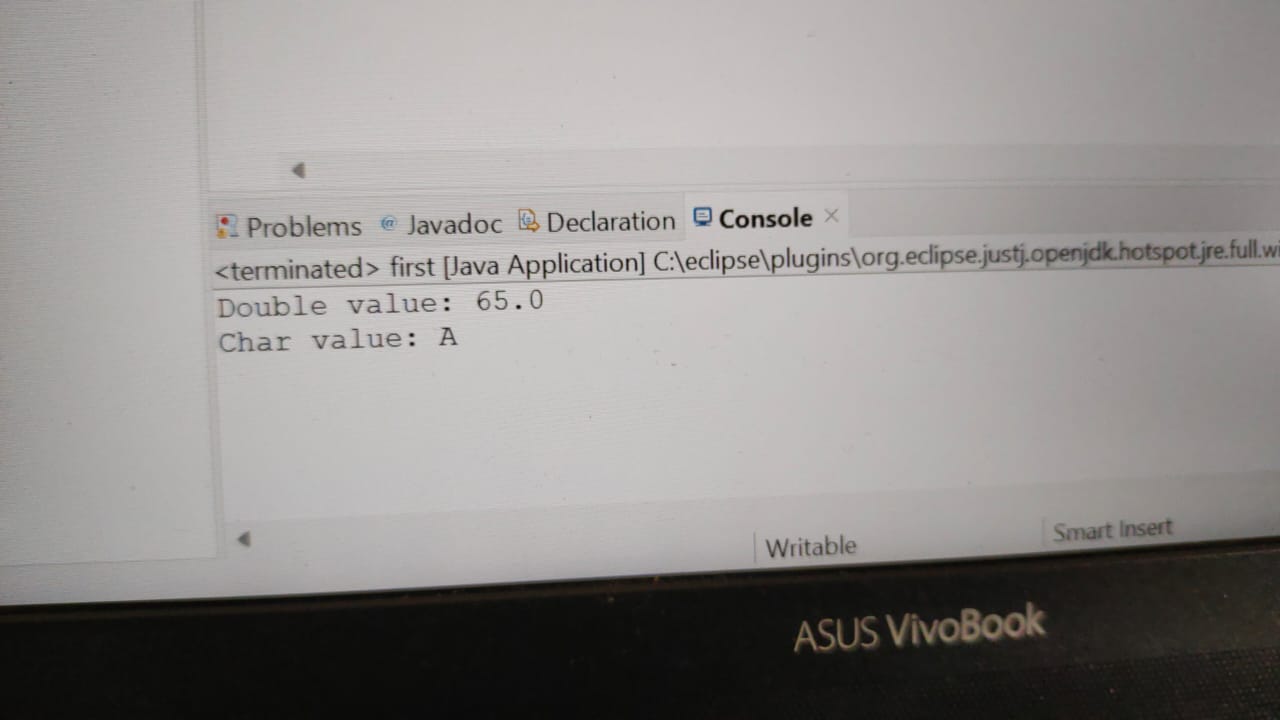
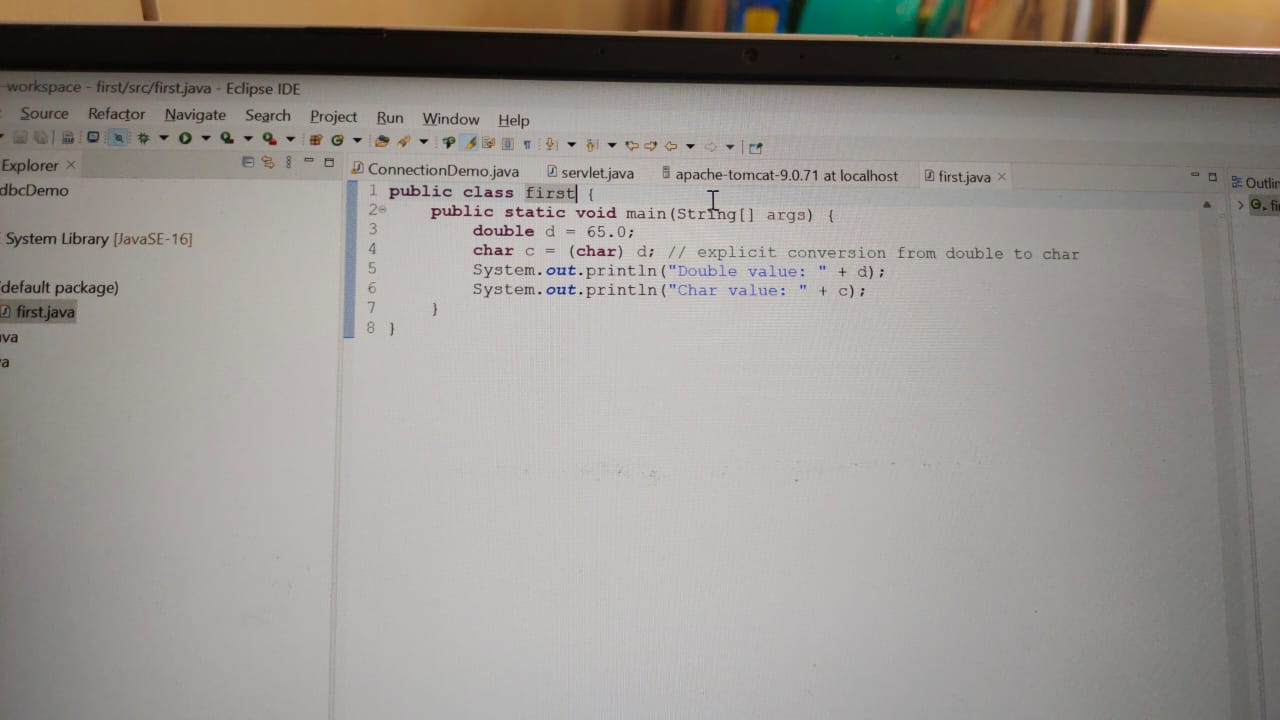
**EXPLICIT CONVERSION**

**DOUBLE TO LONG**

****

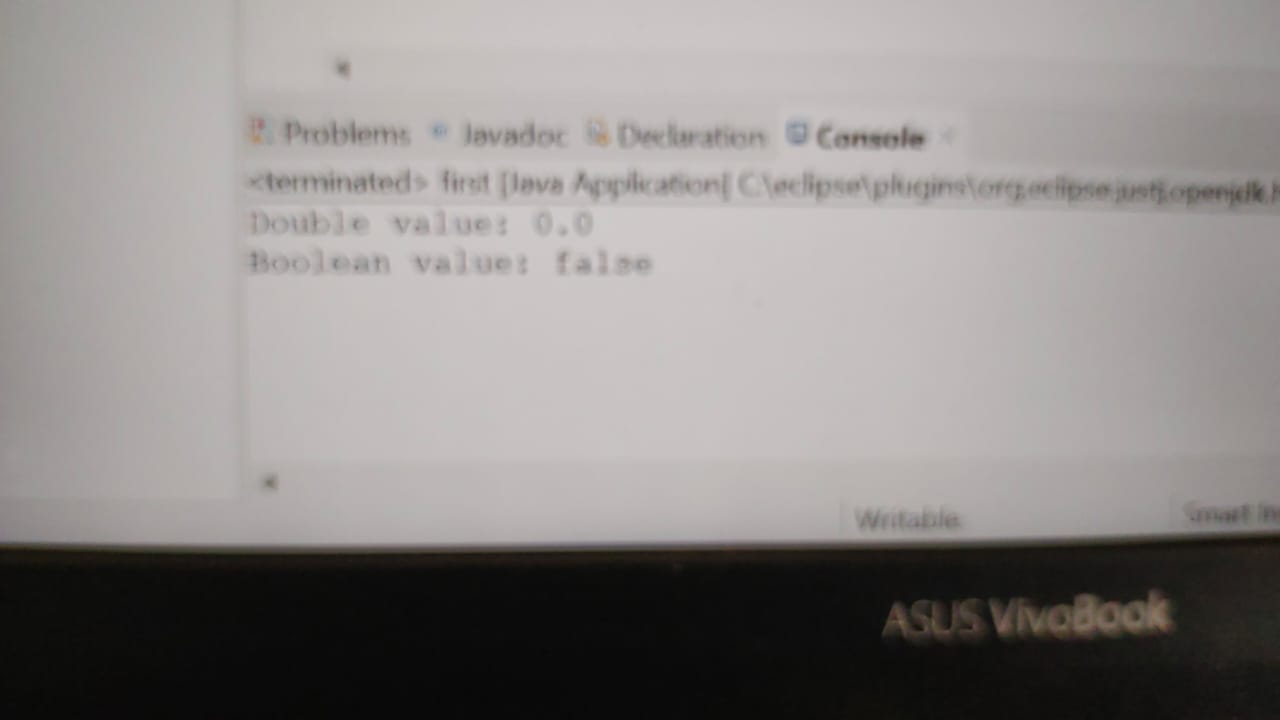
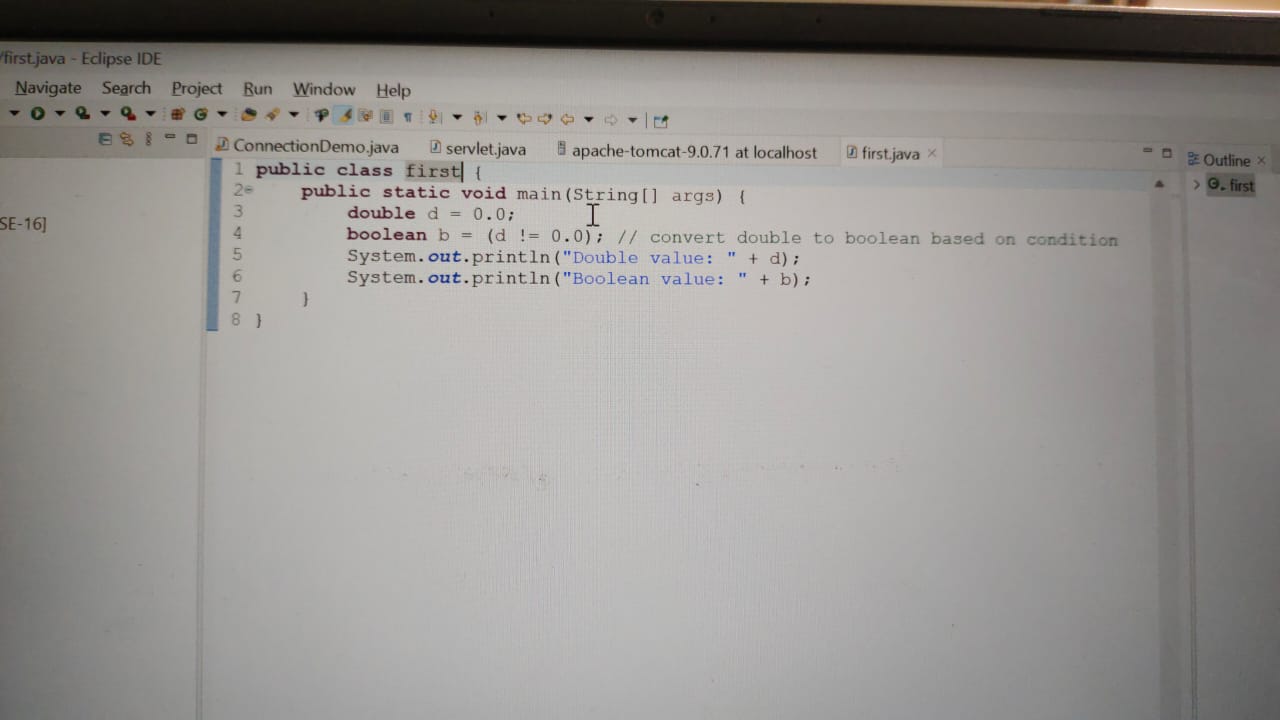
**EXPLICIT CONVERSION**

**DOUBLE TO CHARACTER**

****

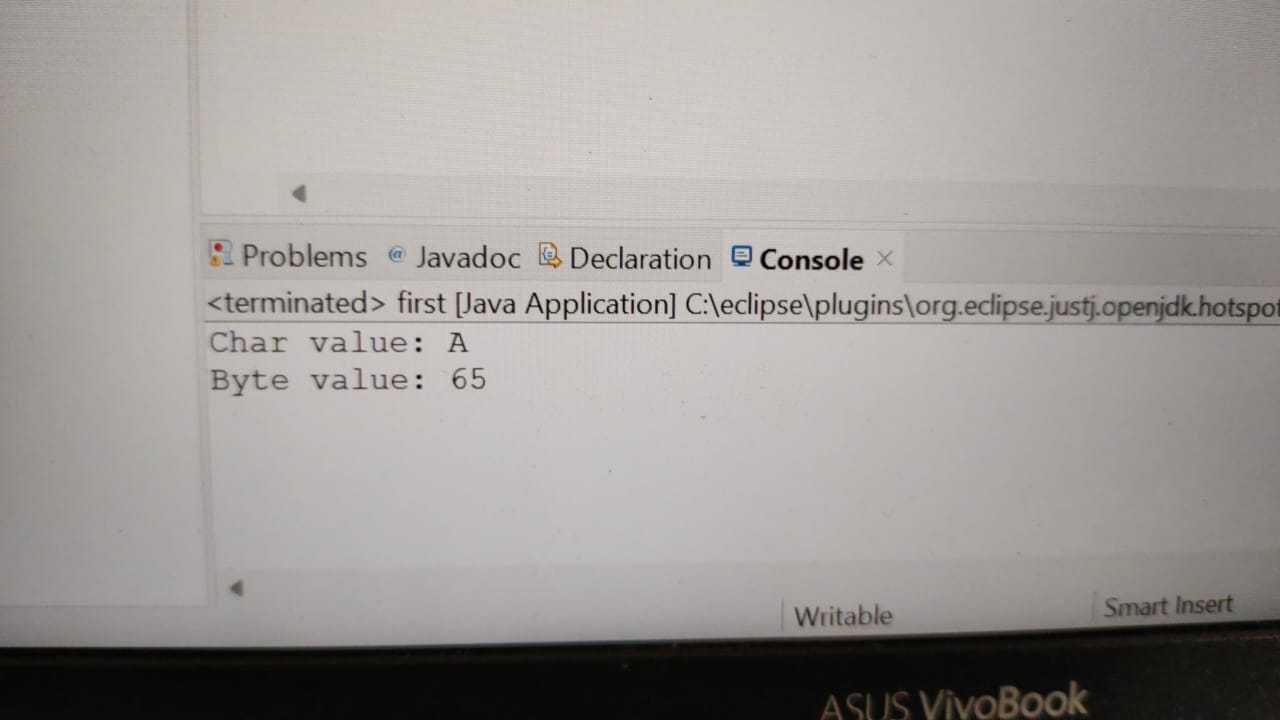
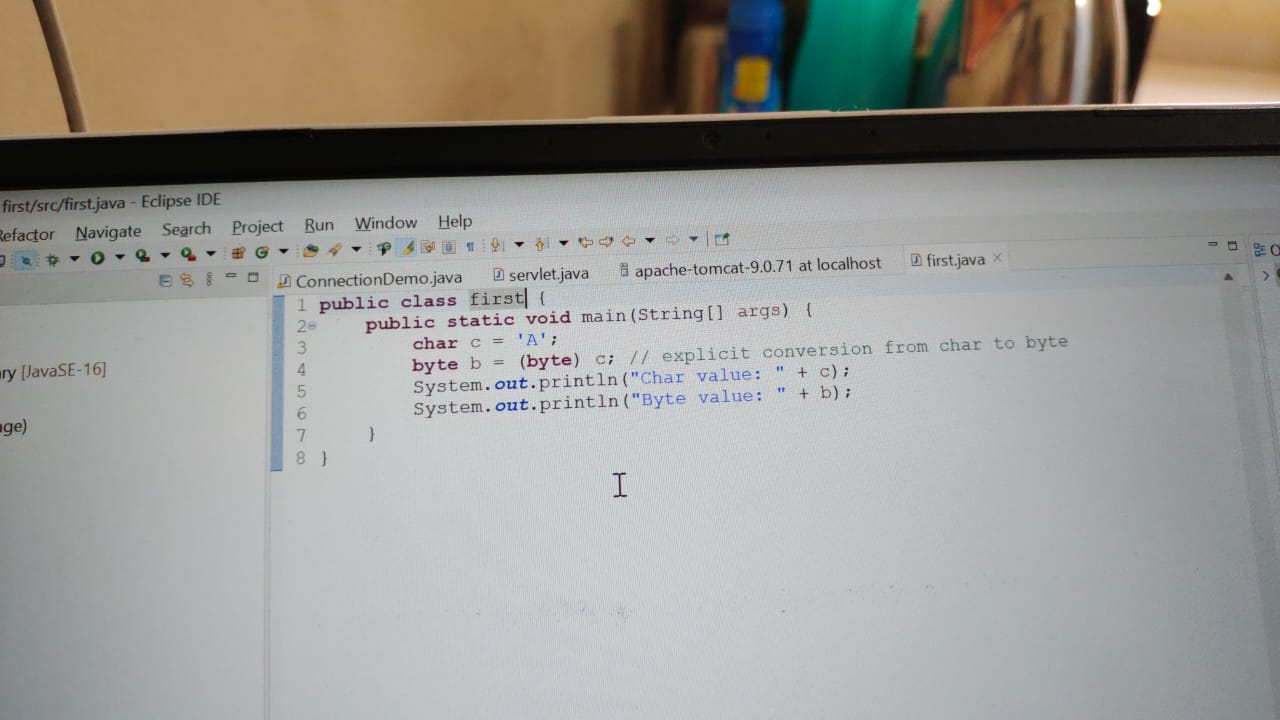
**EXPLICIT CONVERSION**

**DOUBLE TO BOOLEAN**

****

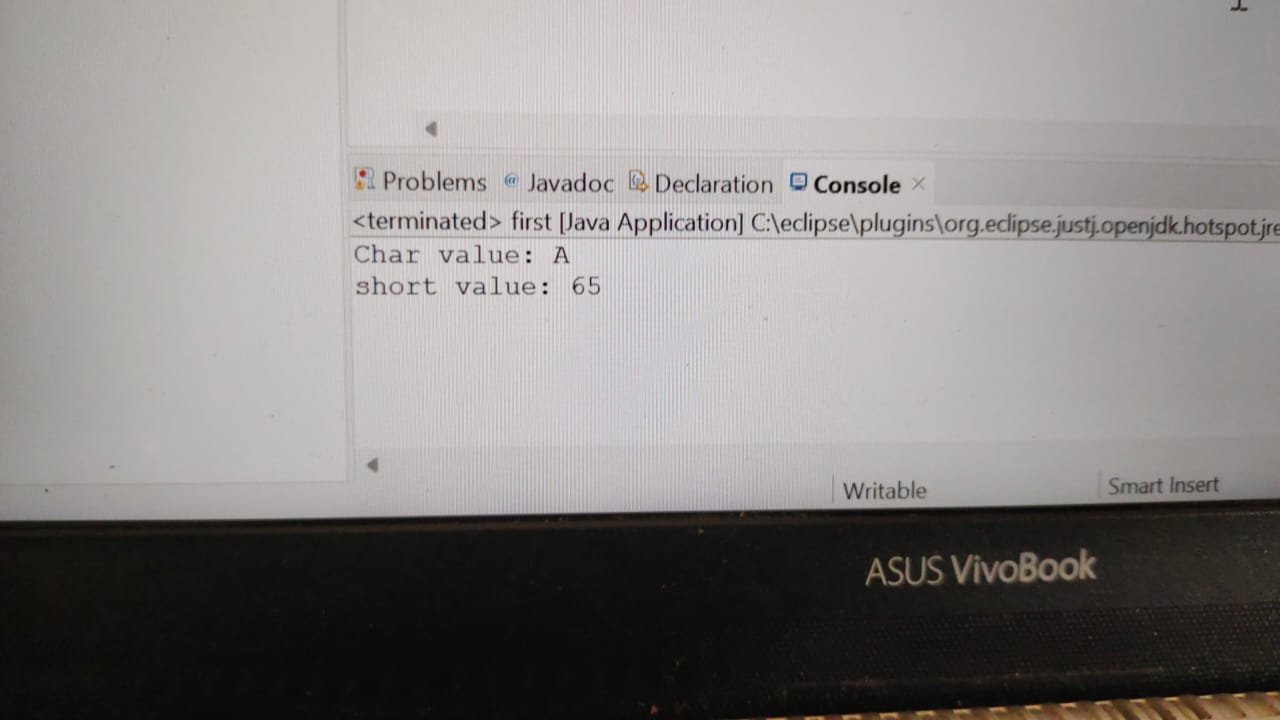
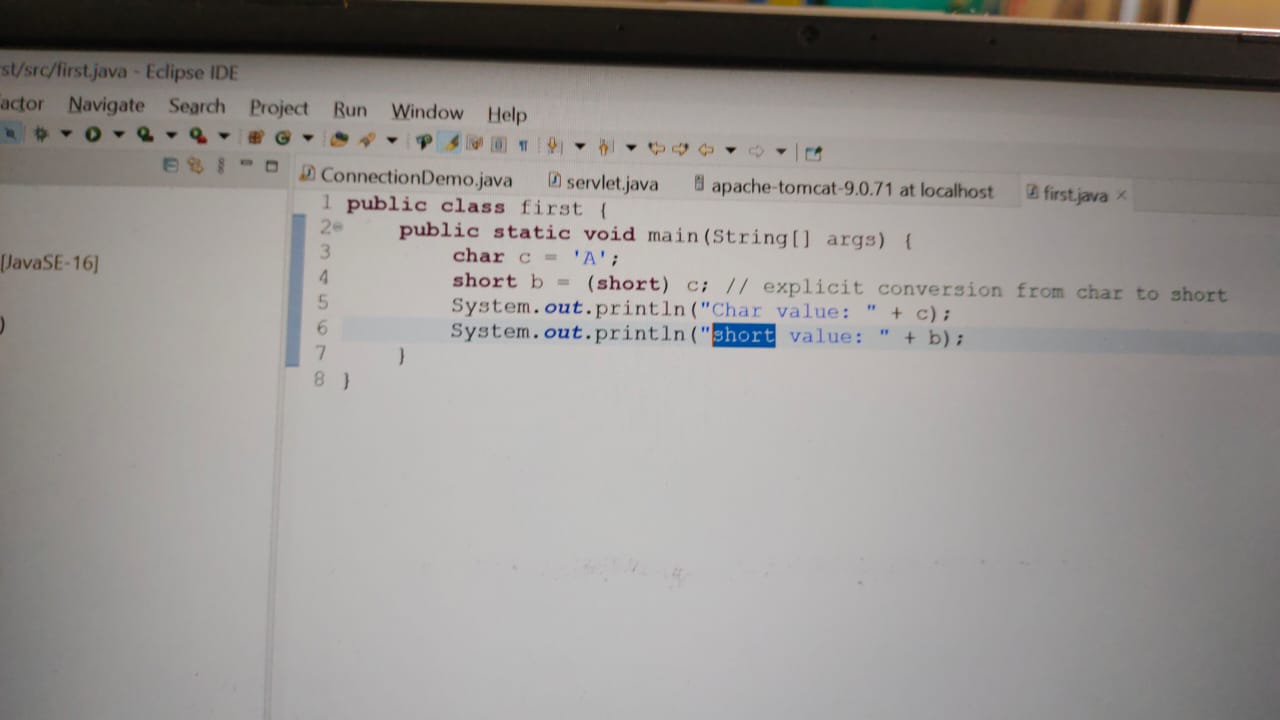
**EXPLICIT CONVERSION**

**CHARACTER TO BYTE**

****

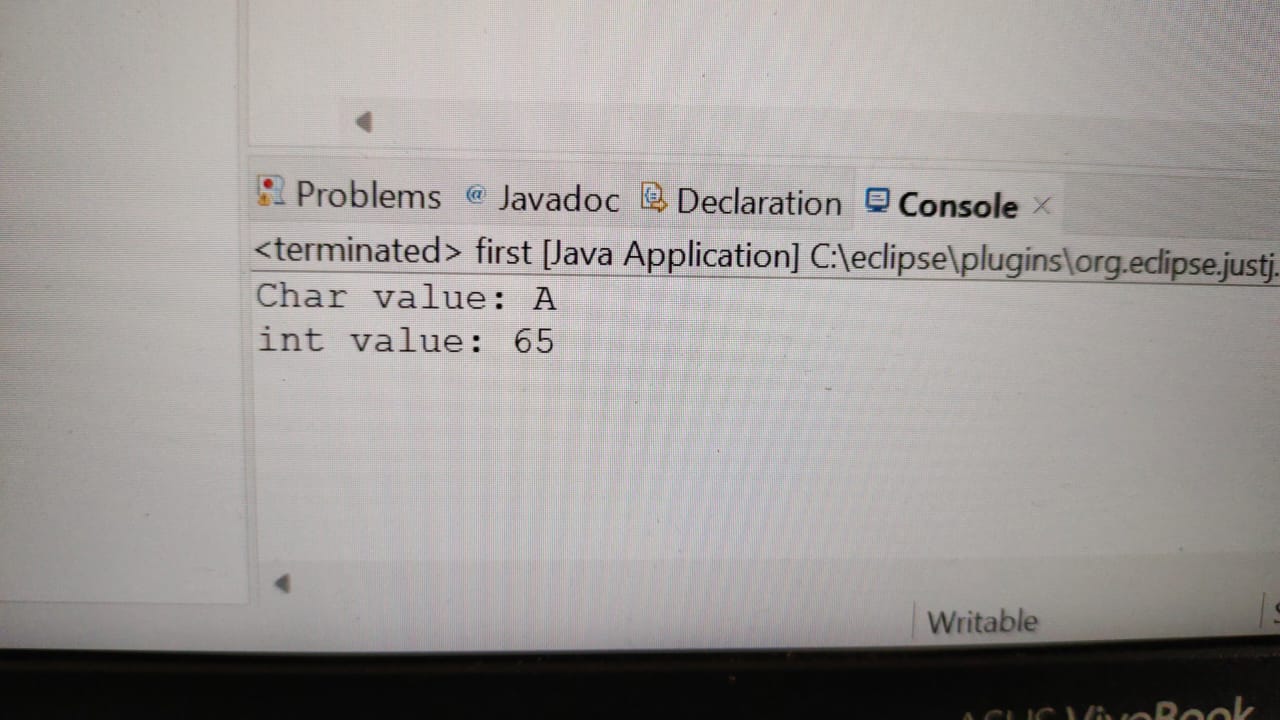
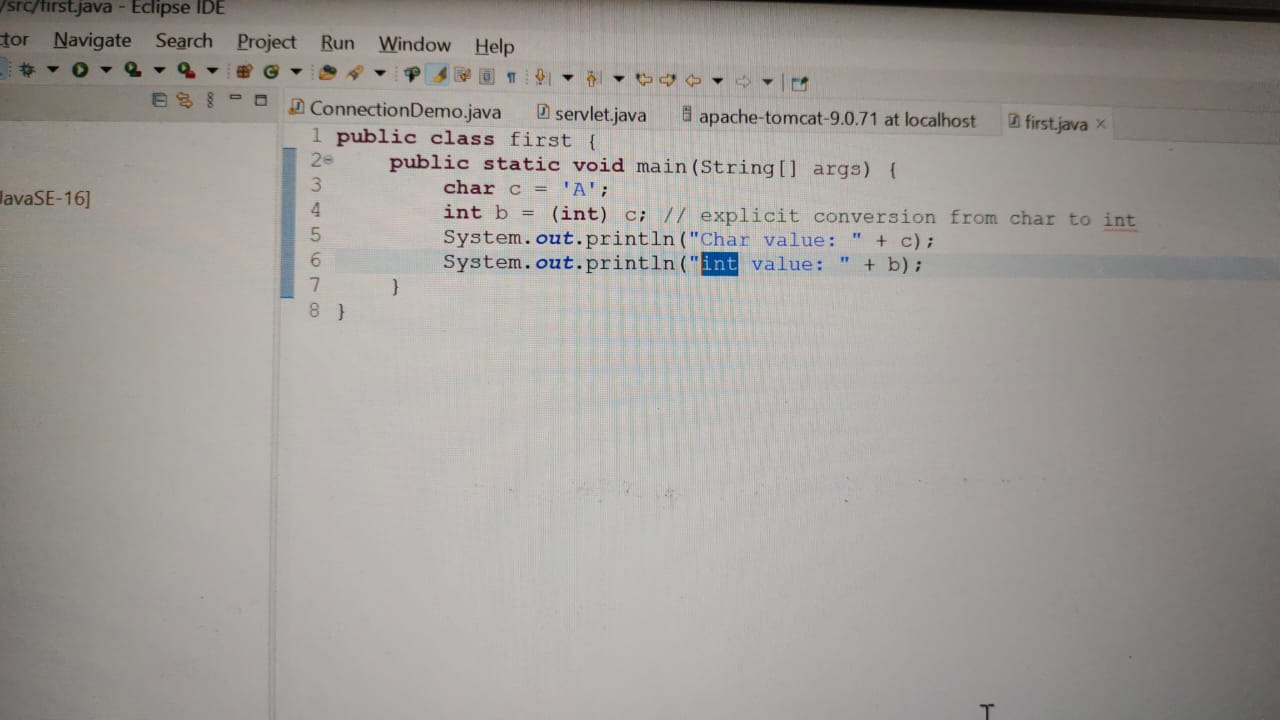
**IMPLICIT CONVERSION**

**CHARACTER TO SHORT**

****

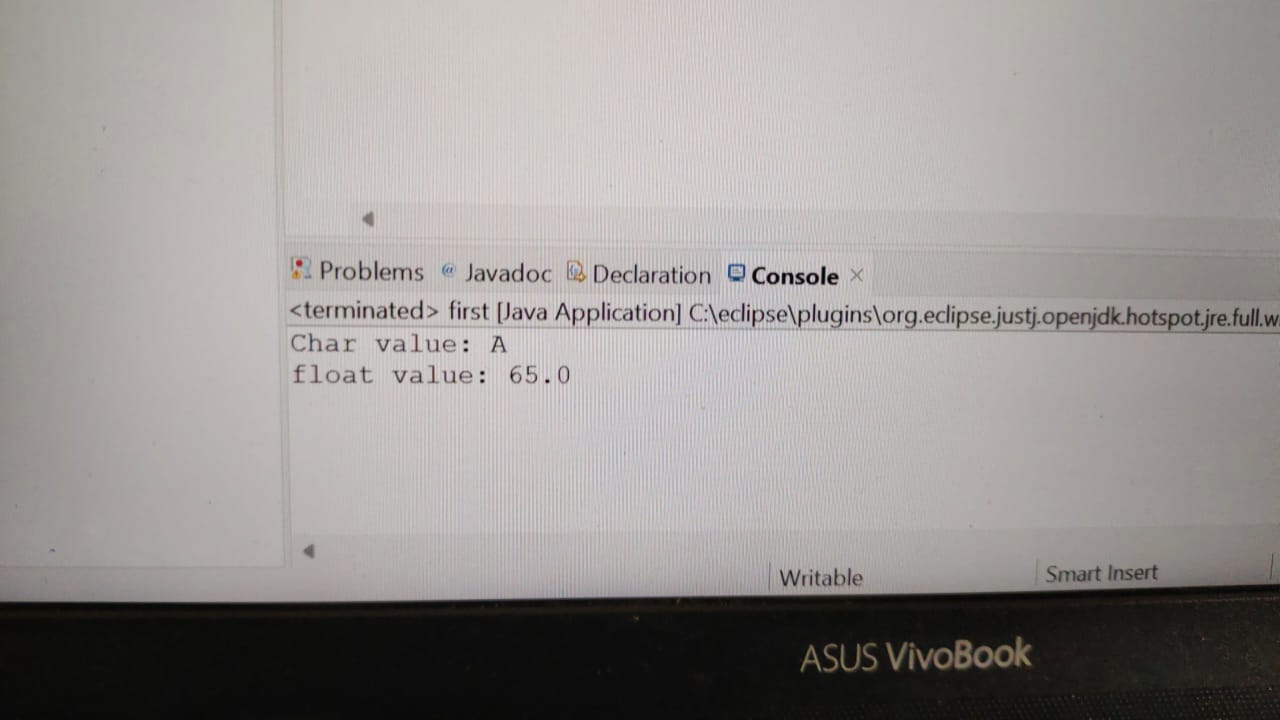
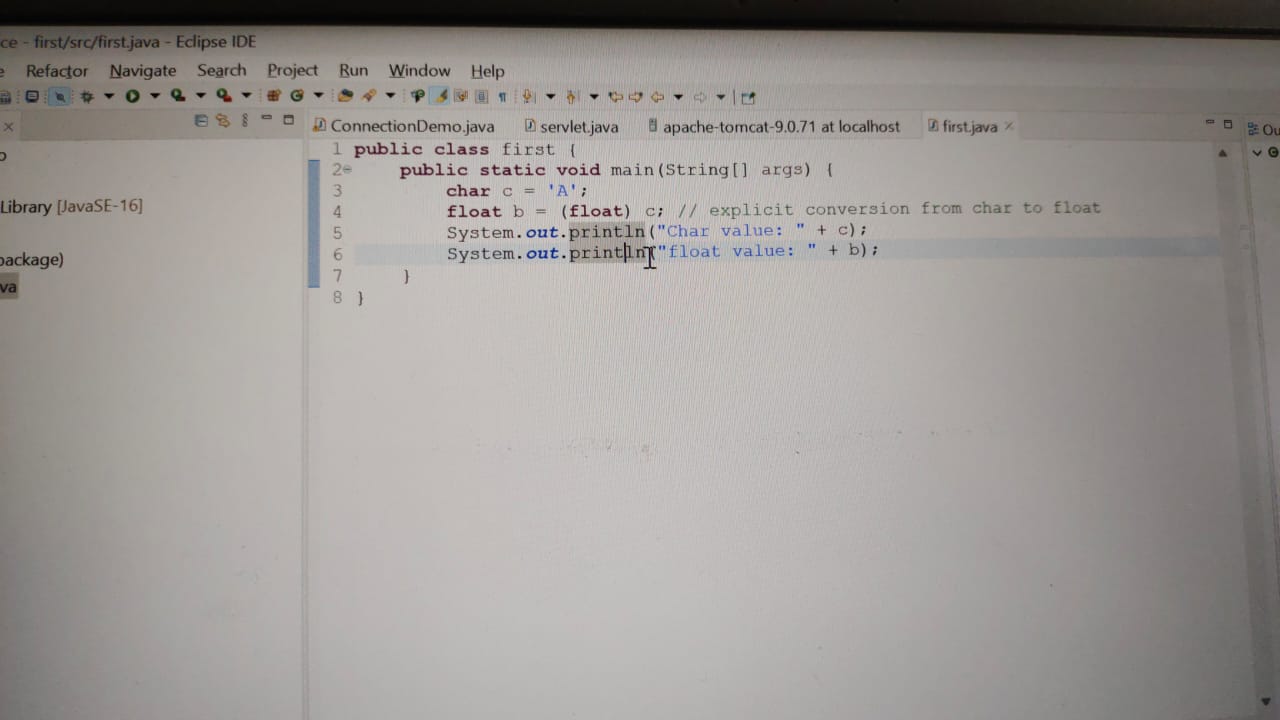
**IMPLICIT CONVERSION**

**CHARACTER TO INT**

****

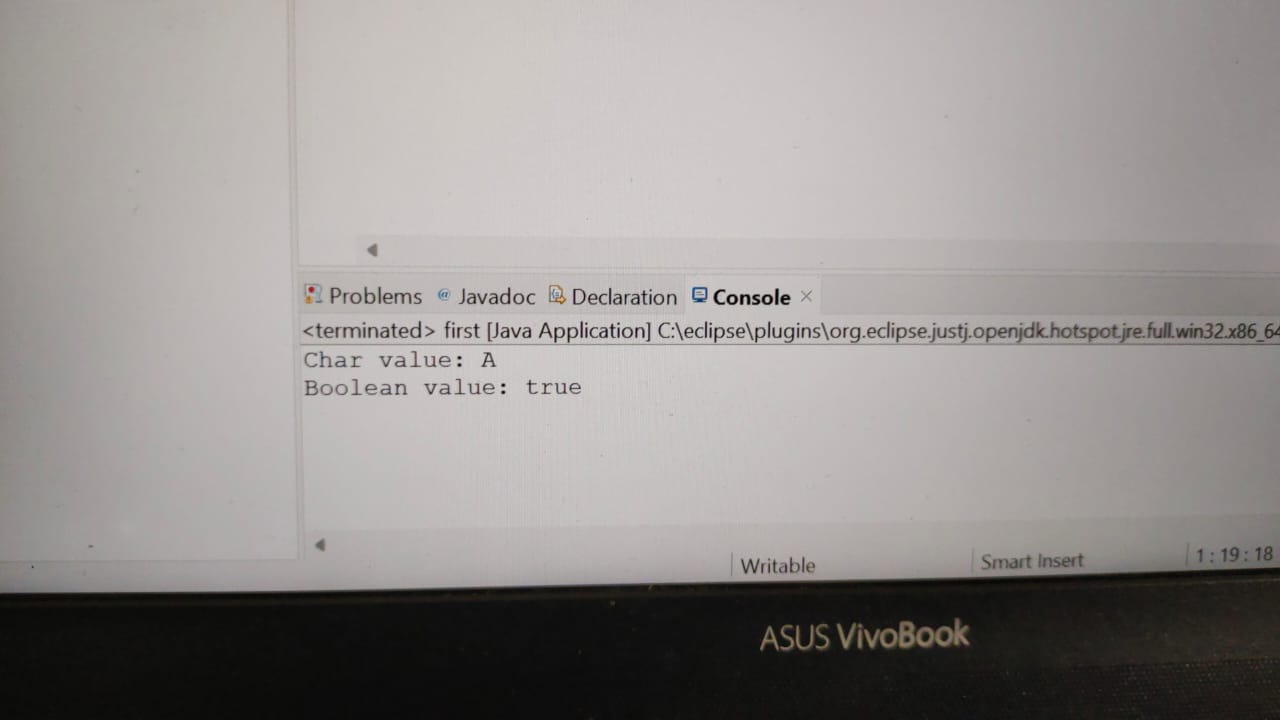
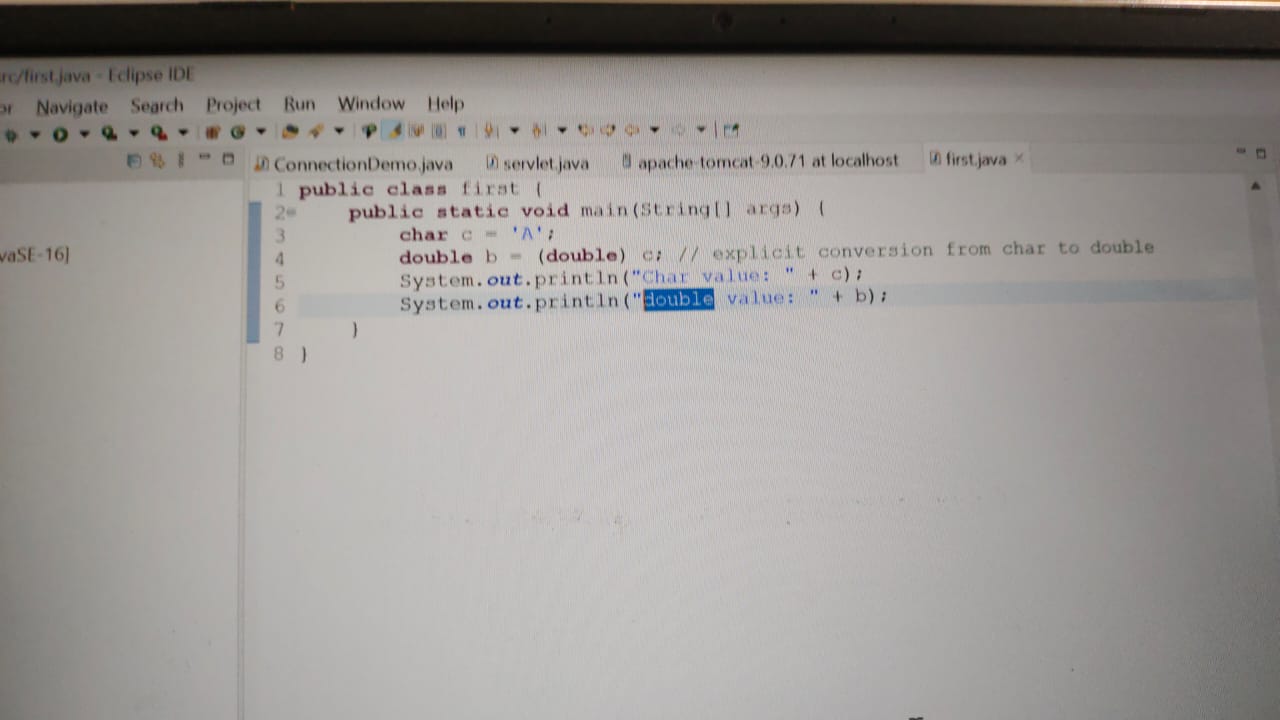
**IMPLICIT CONVERSION**

**CHARACTER TO FLOAT**

****

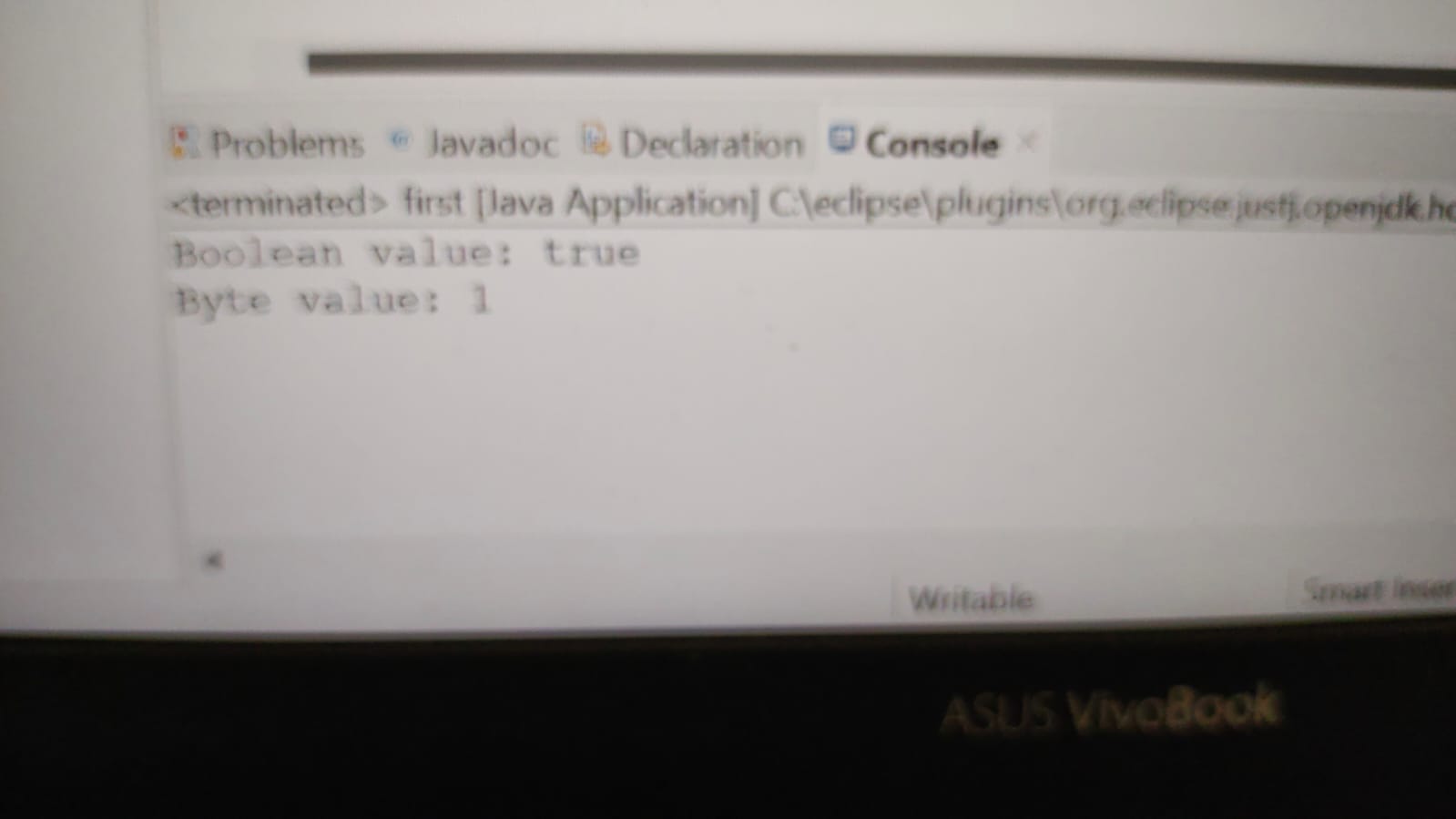
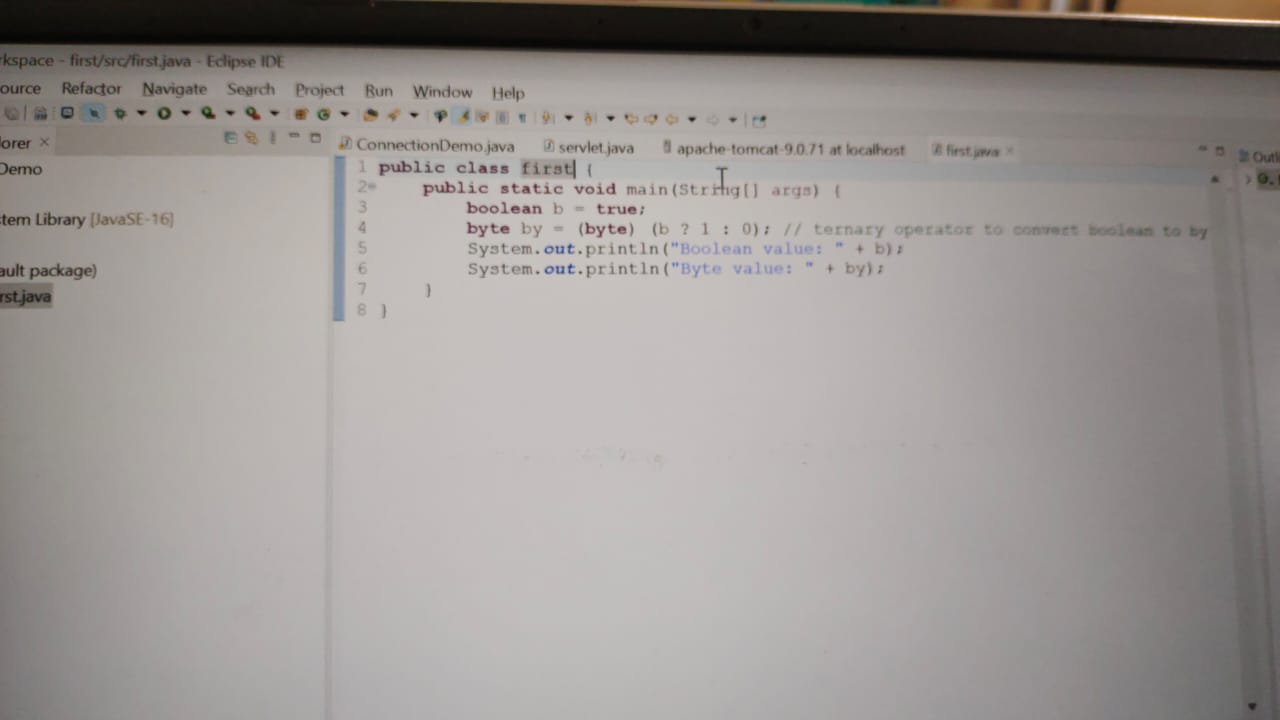
**IMPLICIT CONVERSION**

**CHARACTER TO BOOLEAN**

****

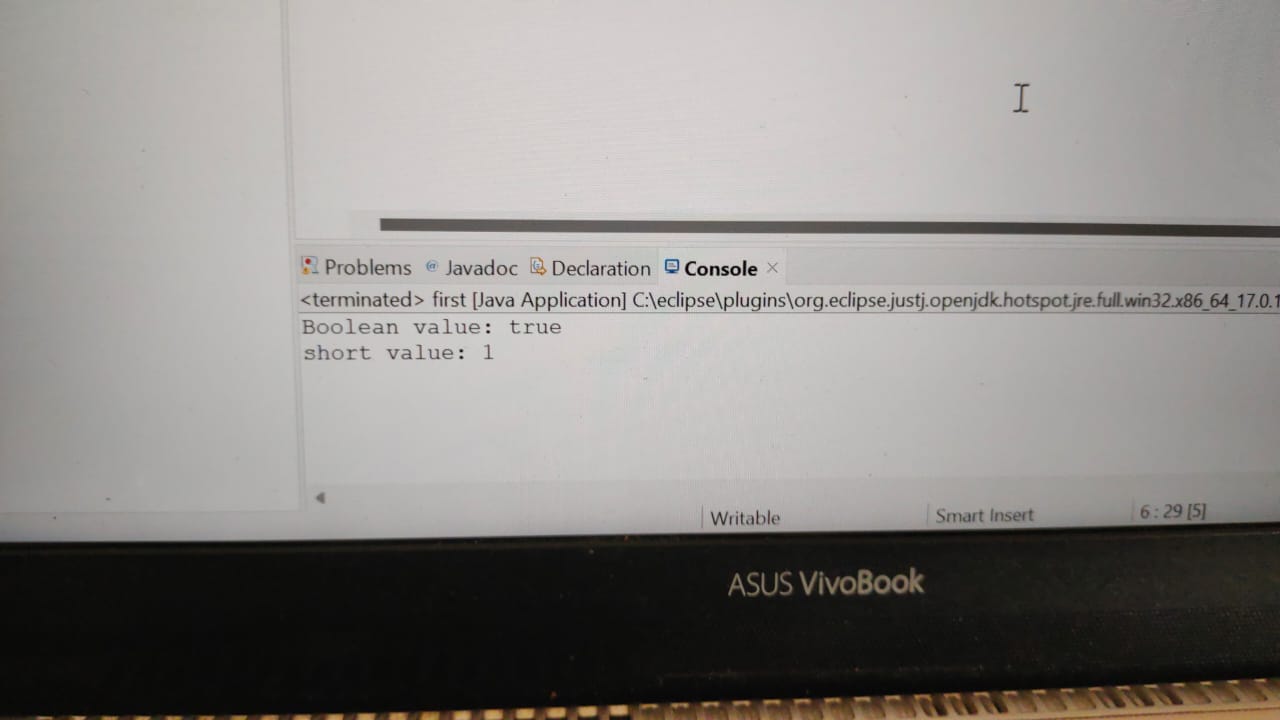
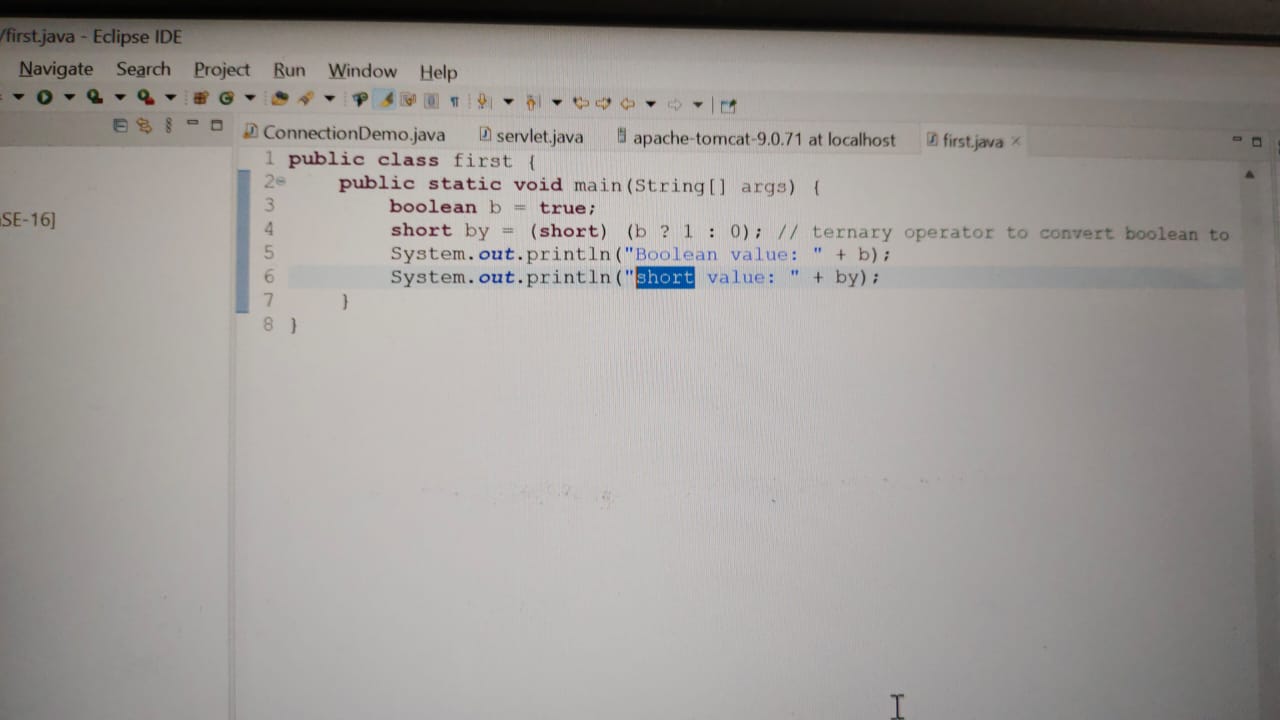
**EXPLICIT CONVERSION**

**BOOLEAN TO BYTE**

****

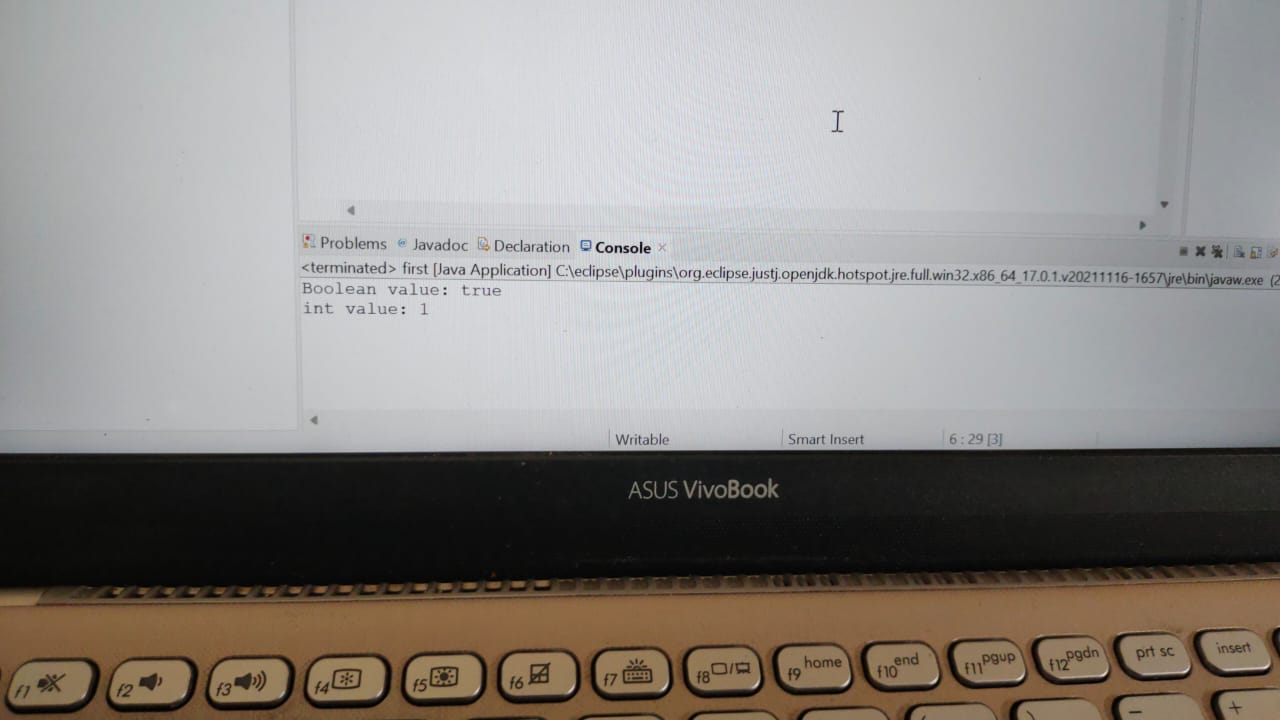
**EXPLICIT CONVERSION**

**BOOLEAN TO SHORT**

****

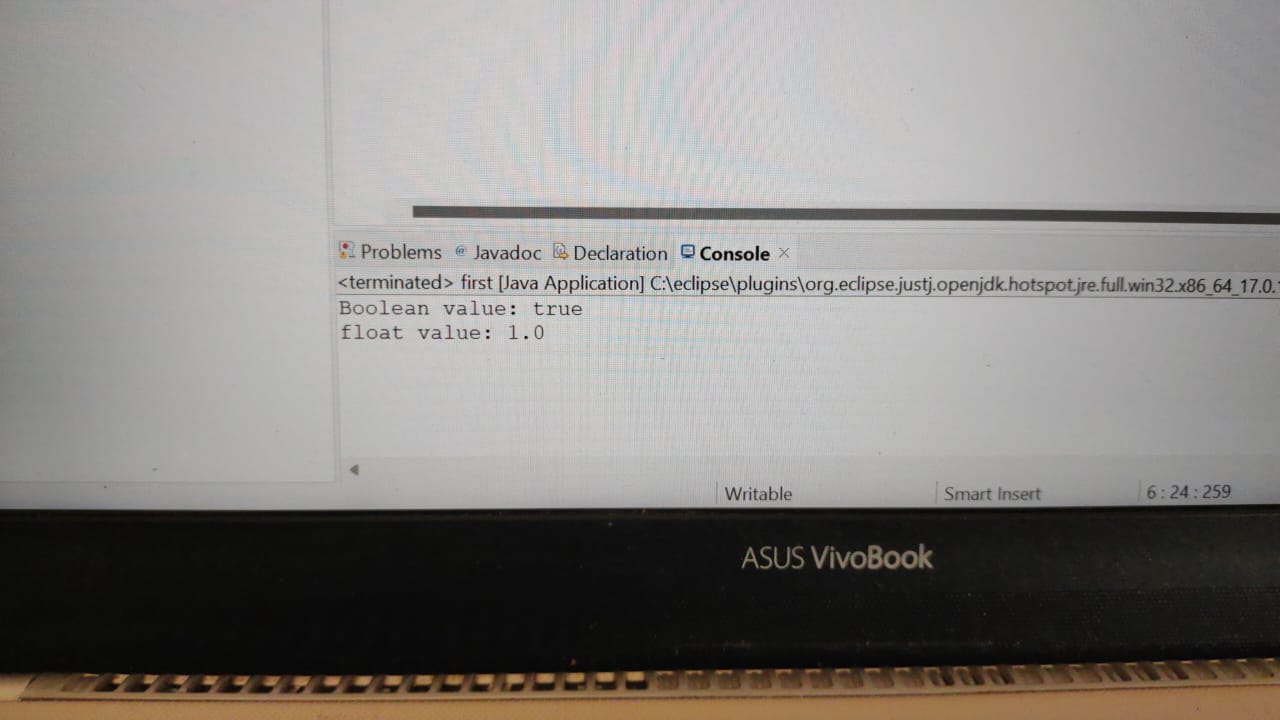
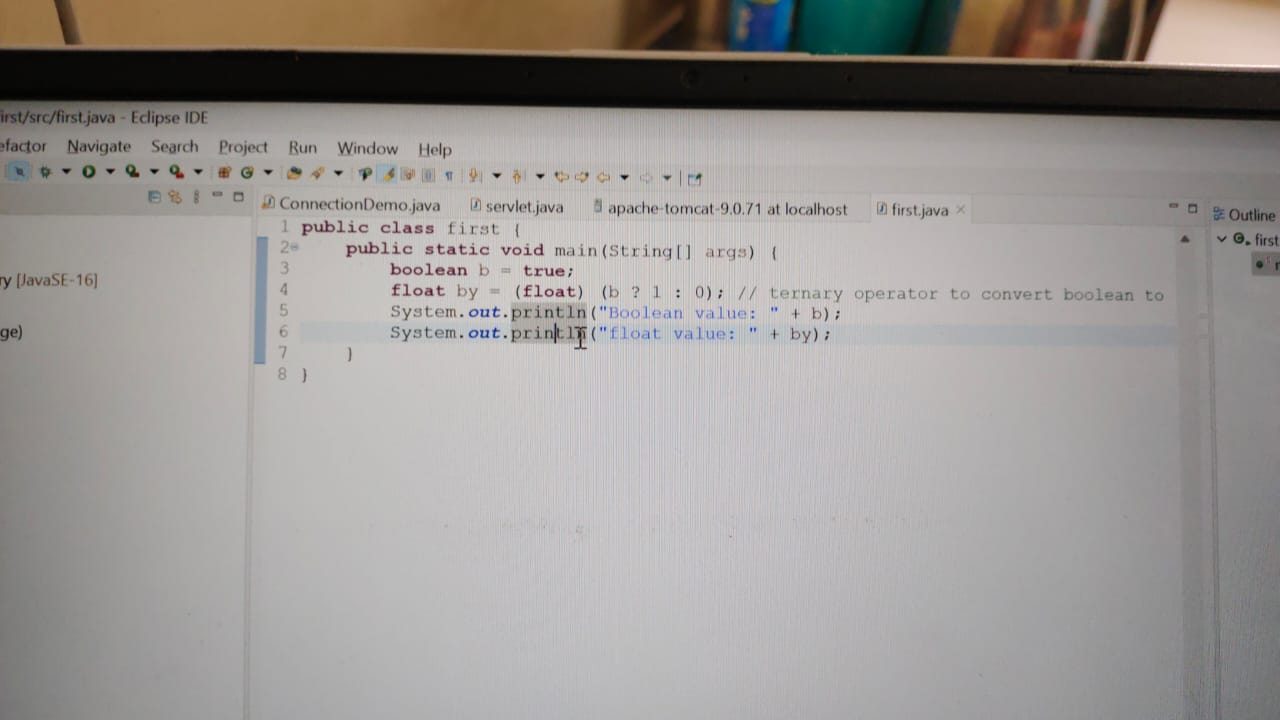
**EXPLICIT CONVERSION**

**BOOLEAN TO INT**

****

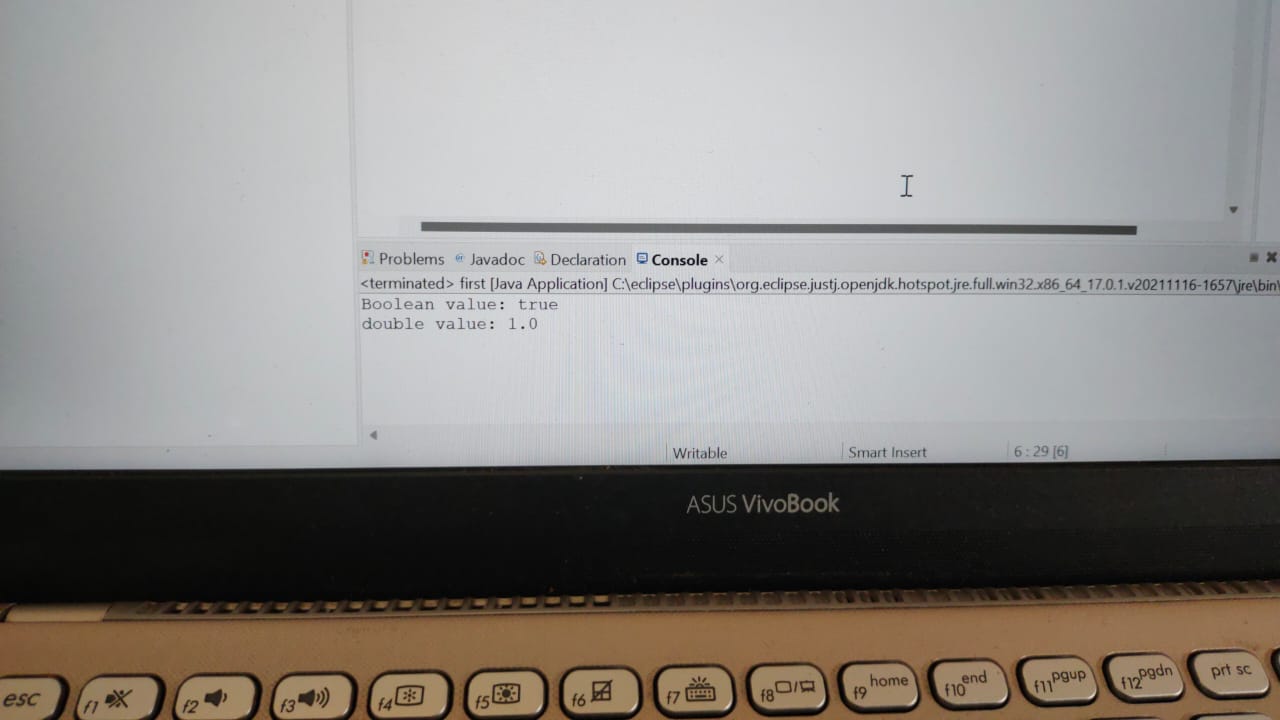
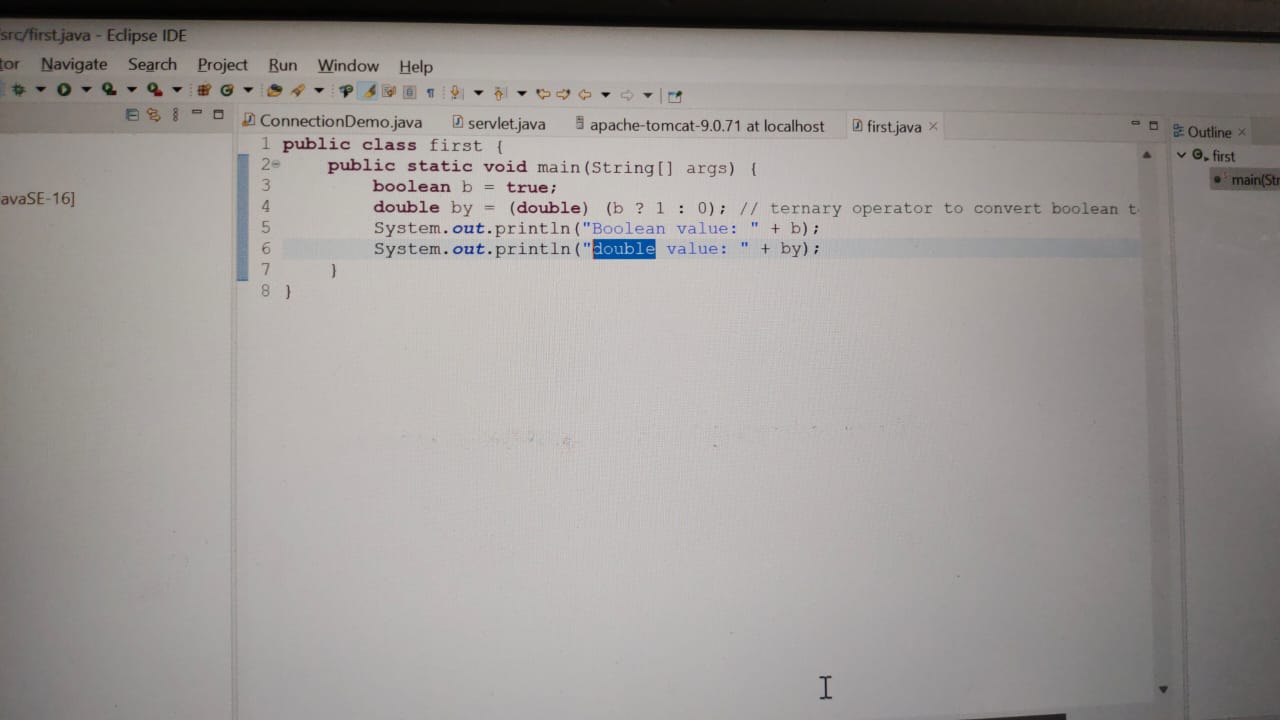
**EXPLICIT CONVERSION**

**BOOLEAN TO LONG**

****

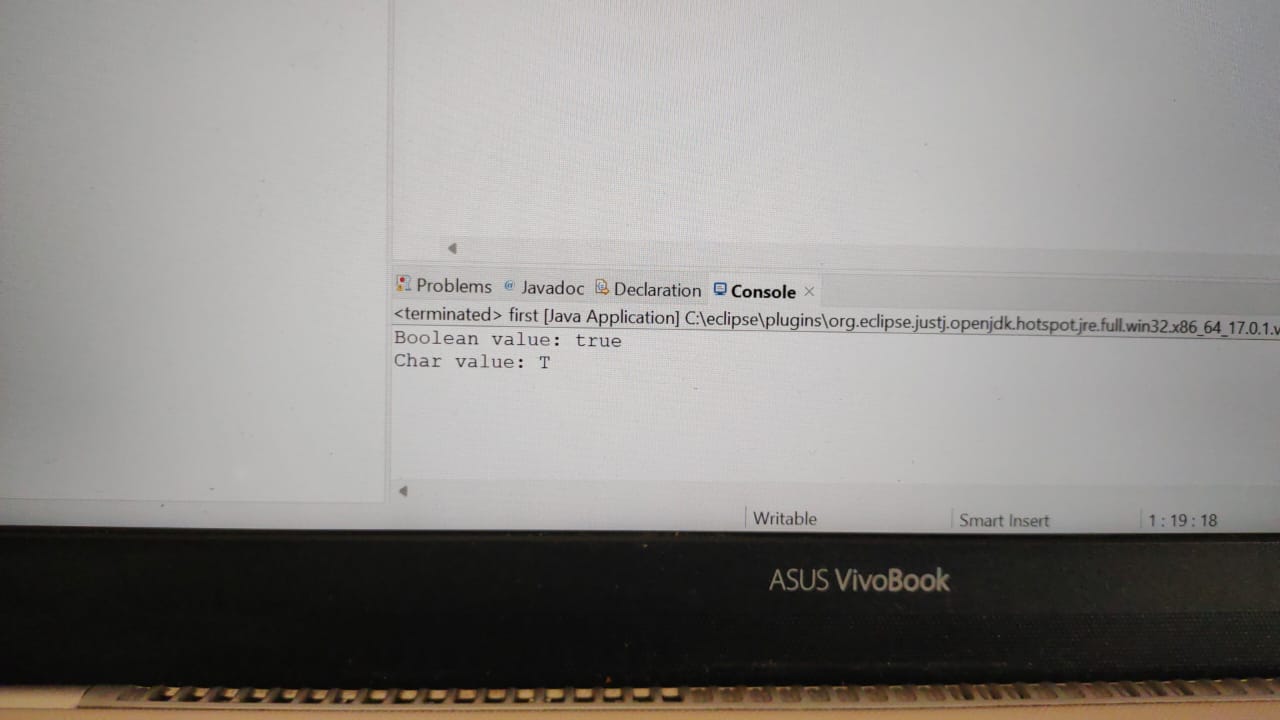
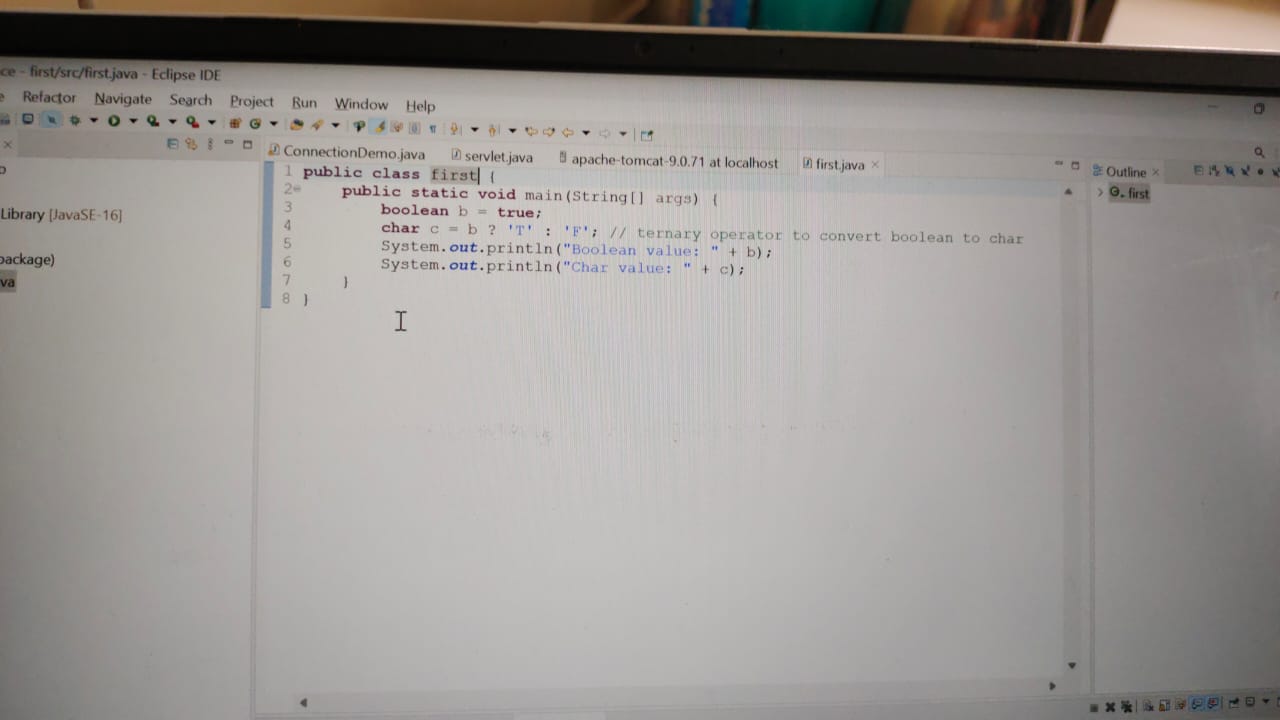
**EXPLICIT CONVERSION**

**BOOLEAN TO DOUBLE**

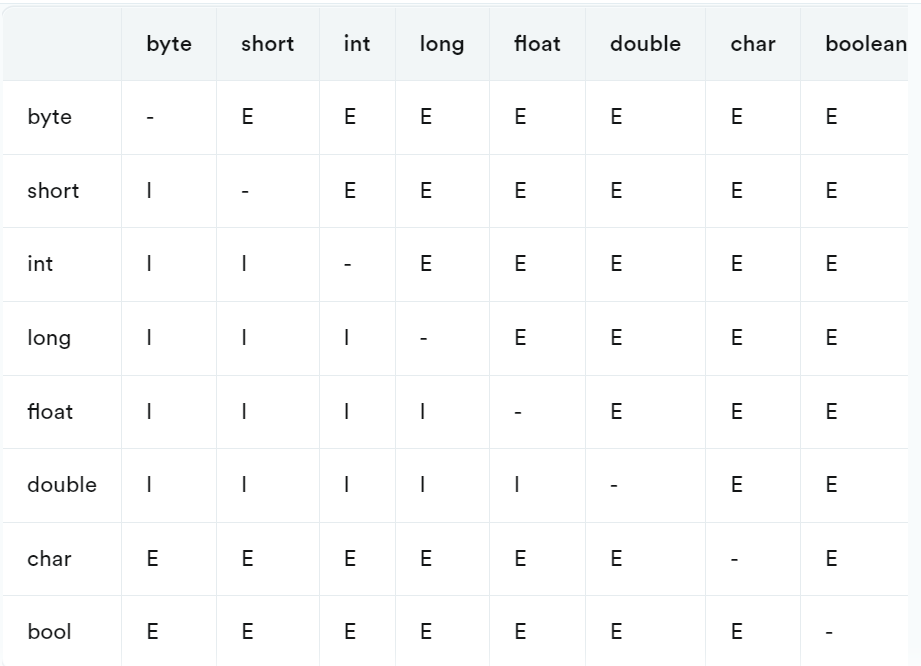
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**EXPLICIT CONVERSION**

**BOOLEAN TO CHARACTER**

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**EXPLICIT CONVERSION**

****

In this chart, "I" represents implicit conversion, "E" represents explicit conversion, and "-" represents no conversion needed.

Implicit conversion means that the conversion is done automatically by the compiler without any extra code needed. For example, when adding an int and a double, the int is implicitly converted to a double before the addition.

Explicit conversion means that the conversion requires an explicit cast operator to be used in the code. For example, when converting a double to an int, an explicit cast operator is needed to specify that the decimal part should be truncated.

Note that some conversions may result in a loss of precision or data, so it's important to be aware of the potential implications when performing type conversions.