**Source Code of Arithmetic calculator:**

**package** simpli.learn.calculator;

**import** java.util.Scanner;

**class** ArithmeticCalculator {

**public** **static** **void** main(String[] args) {

**char** operator;

Double number1, number2, result;

Scanner input = **new** Scanner(System.***in***);

System.***out***.println("Choose an operator: +, -, \*, or /");

operator = input.next().charAt(0);

System.***out***.println("Enter first number");

number1 = input.nextDouble();

System.***out***.println("Enter second number");

number2 = input.nextDouble();

**switch** (operator) {

**case** '+':

result = number1 + number2;

System.***out***.println(number1 + " + " + number2 + " = " + result);

**break**;

**case** '-':

result = number1 - number2;

System.***out***.println(number1 + " - " + number2 + " = " + result);

**break**;

**case** '\*':

result = number1 \* number2;

System.***out***.println(number1 + " \* " + number2 + " = " + result);

**break**;

**case** '/':

result = number1 / number2;

System.***out***.println(number1 + " / " + number2 + " = " + result);

**break**;

**default**:

System.***out***.println("Invalid operator!");

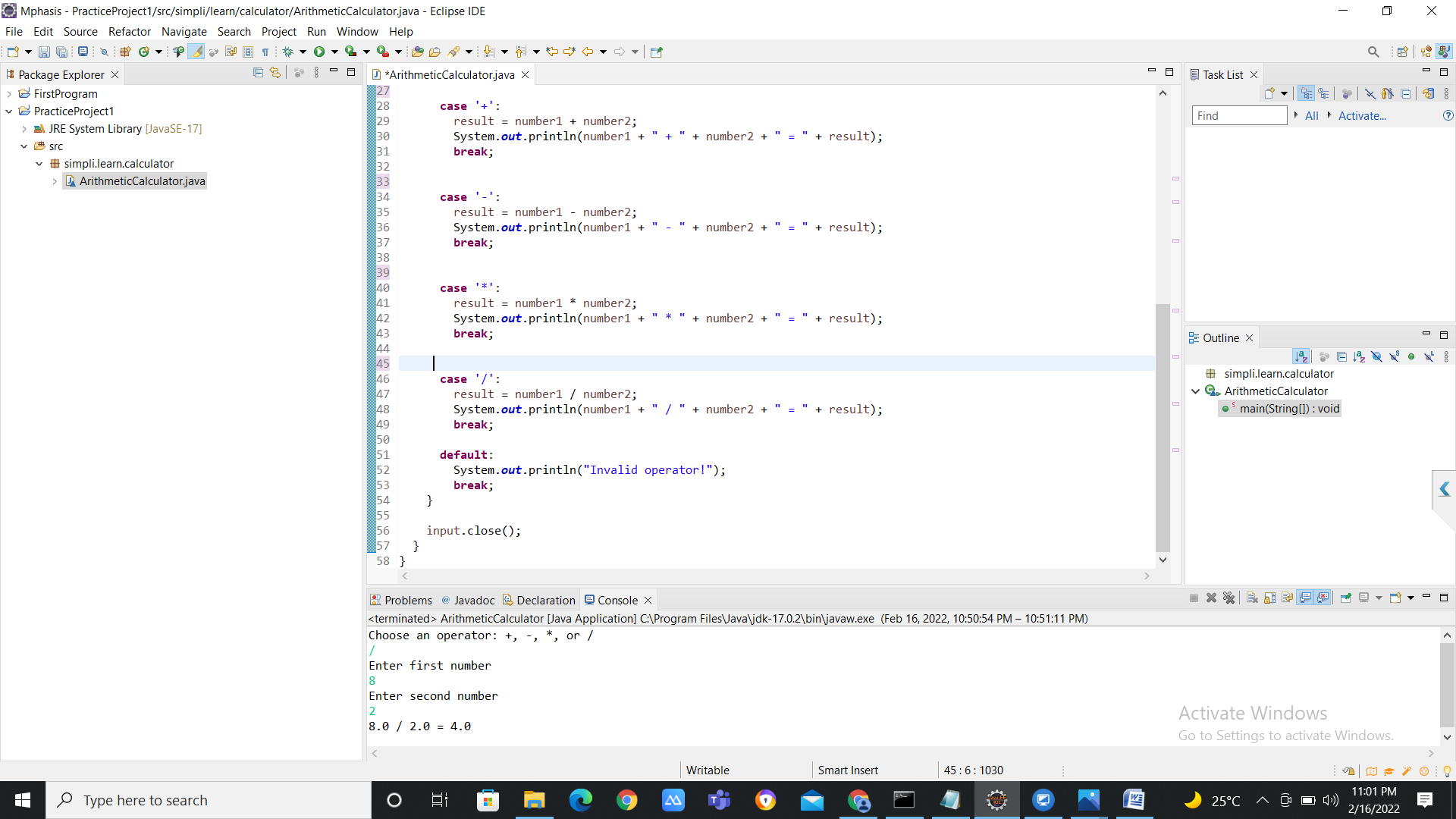
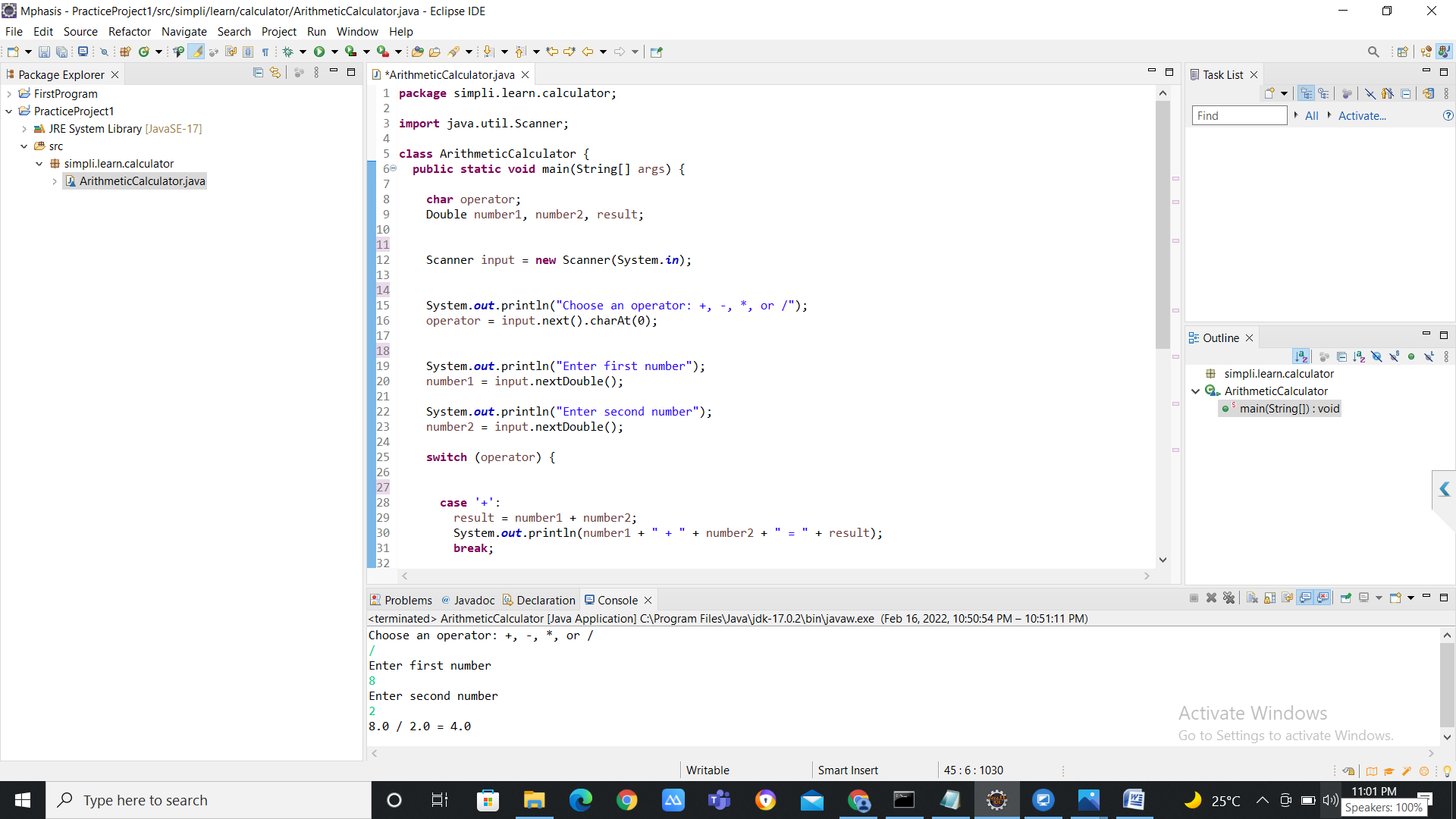
**break**;

}

input.close();

}

}

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