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CSE 2110

Extra Credit

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Combine statements: rectangle1.print() + rectangle2.print() + rectangle3 = rectangle1 + rectangle2;



***Answer & Explanation:***

we ***can not*** combine the statements in line(6)+line(9)+ line(11) because there is no operator "+" matches for these operands, operands types of (void + rectangletype).//[rectangle2.print() + rectangle3]

Also in this example, to overload the operator "+", the overload function that is overloading the operator"+" is a member function of the class rectangleType, so when applying the overloading operator "+" on object of type of rectangleType the left operand of "+" also must be of type rectangleType.

//like, rectangle2.print() + rectangle3 [ In this statements the operand of the overloading operator are not same so it is not a valid statements]

//rectangle3 = rectangle1 + rectangle2; [But, in this statements the operand of overloading operator are same that is opject type and a valid statements]

// Also for this statements " rectangle1.print() + rectangle2.print() " expression must have to be arithmetic.

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