

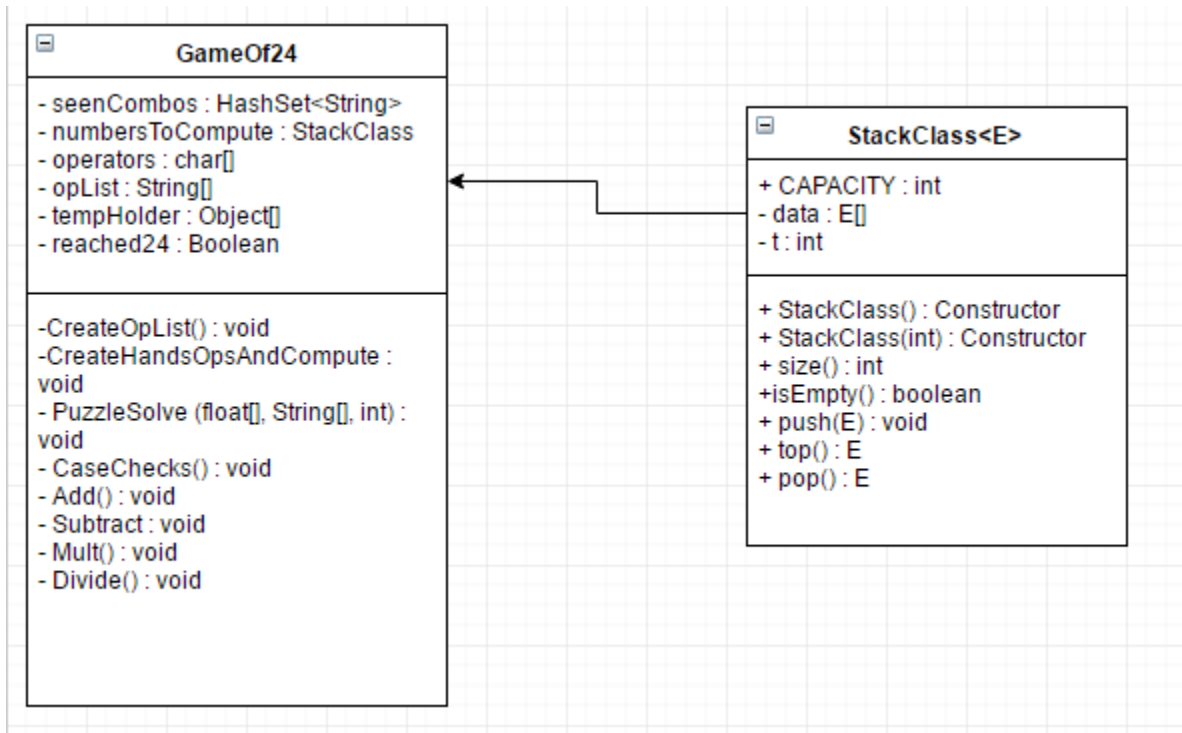
Jonathan Simonin

Professor Wei

CSE 2100

16 October 2016

24 Game Output and UML:



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$$2.0 \ 12.0 * 13.0 + 13.0 - = 24.0$$

$$2.0 \ 13.0 \ 13.0 \ 13.0 / - * = 24.0$$

$$3.0 \ 3.0 * 3.0 * 3.0 - = 24.0$$

$$3.0 \ 3.0 * 3.0 - 4.0 * = 24.0$$

$$3.0 \ 3.0 * 3.0 \ 5.0 * + = 24.0$$

$$3.0 \ 3.0 + 3.0 * 6.0 + = 24.0$$

$$3.0 \ 3.0 \ 3.0 / 7.0 + * = 24.0$$

$$3.0 \ 3.0 + 3.0 - 8.0 * = 24.0$$

$$3.0 \ 3.0 \ 3.0 \ 10.0 - * - = 24.0$$

$$3.0 \ 3.0 + 3.0 / 12.0 * = 24.0$$

$$3.0 \ 3.0 \ 4.0 * 4.0 - * = 24.0$$

$$3.0 \ 3.0 - 4.0 + 6.0 * = 24.0$$

$$3.0 \ 3.0 \ 4.0 * + 9.0 + = 24.0$$

$$3.0 \ 3.0 * 4.0 + 11.0 + = 24.0$$

$$3.0 \ 3.0 + 4.0 - 12.0 * = 24.0$$

$$3.0 \ 3.0 + 5.0 * 6.0 - = 24.0$$

$$3.0 \ 3.0 \ 5.0 * 7.0 - * = 24.0$$

$$3.0 \ 3.0 * 5.0 + 10.0 + = 24.0$$

$$3.0 \ 3.0 \ 5.0 \ 12.0 - * - = 24.0$$

$$3.0 \ 3.0 + 5.0 + 13.0 + = 24.0$$

$$3.0 \ 3.0 \ 6.0 - 7.0 * - = 24.0$$

$$3.0 \ 3.0 * 6.0 - 8.0 * = 24.0$$

$$3.0 \ 3.0 * 6.0 + 9.0 + = 24.0$$

$$3.0 \ 3.0 \ 6.0 * 10.0 - * = 24.0$$

$$3.0 \ 3.0 \ 6.0 - 11.0 + * = 24.0$$

$$3.0 \ 3.0 + 6.0 + 12.0 + = 24.0$$

$$3.0 \ 3.0 \ 6.0 \ 13.0 - * - = 24.0$$

$$3.0 \ 3.0 \ 7.0 / + 7.0 * = 24.0$$

$$3.0 \ 3.0 * 7.0 + 8.0 + = 24.0$$

$$3.0 \ 3.0 + 7.0 + 11.0 + = 24.0$$

$$3.0 \ 3.0 * 7.0 - 12.0 * = 24.0$$

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$$3.0 \ 3.0 \ 8.0 + * 9.0 - = 24.0$$

$$3.0 \ 3.0 + 8.0 + 10.0 + = 24.0$$

$$3.0 \ 3.0 \ 8.0 - 13.0 + * = 24.0$$

$$3.0 \ 3.0 + 9.0 + 9.0 + = 24.0$$

$$3.0 \ 3.0 \ 9.0 + * 12.0 - = 24.0$$

$$3.0 \ 3.0 / 10.0 + 13.0 + = 24.0$$

$$3.0 \ 3.0 / 11.0 + 12.0 + = 24.0$$

$$3.0 \ 3.0 - 11.0 + 13.0 + = 24.0$$

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$$3.0 \ 4.0 + 4.0 * 4.0 - = 24.0$$

$$3.0 \ 4.0 \ 4.0 * + 5.0 + = 24.0$$

$$3.0 \ 4.0 \ 4.0 / + 6.0 * = 24.0$$

$$3.0 \ 4.0 \ 4.0 / 7.0 + * = 24.0$$

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$$3.0 \ 4.0 \ 4.0 / - 12.0 * = 24.0$$

$$3.0 \ 4.0 + 4.0 + 13.0 + = 24.0$$

$$3.0 \ 4.0 - 5.0 \ 5.0 * + = 24.0$$

$$3.0 \ 4.0 - 5.0 + 6.0 * = 24.0$$

$$3.0 \ 4.0 * 5.0 + 7.0 + = 24.0$$

$$3.0 \ 4.0 \ 5.0 - 9.0 + * = 24.0$$

$$3.0 \ 4.0 * 5.0 / 10.0 * = 24.0$$

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$$3.0 \ 4.0 \ 7.0 - 11.0 + * = 24.0$$

$$3.0 \ 4.0 + 8.0 + 9.0 + = 24.0$$

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$$3.0 \ 5.0 \ 5.0 + * \ 6.0 - = 24.0$$

$$3.0 \ 5.0 \ 5.0 / 7.0 + * = 24.0$$

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$$3.0 \ 6.0 \ 6.0 / + 6.0 * = 24.0$$

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$$3.0 \ 6.0 * 9.0 / 12.0 * = 24.0$$

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$$3.0 \ 7.0 \ 8.0 \ 8.0 / + * = 24.0$$

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$$3.0 \ 8.0 + 8.0 - 8.0 * = 24.0$$

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$$3.0 \ 8.0 * 9.0 + 9.0 - = 24.0$$

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$$3.0 \ 10.0 \ 10.0 / - 12.0 * = 24.0$$

$$3.0 \ 10.0 + 11.0 - 12.0 * = 24.0$$

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$$4.0 \ 4.0 * 4.0 + 4.0 + = 24.0$$

$$4.0 \ 4.0 \ 4.0 / 5.0 + * = 24.0$$

$$4.0 \ 4.0 + 4.0 - 6.0 * = 24.0$$

$$4.0 \ 4.0 + 4.0 * 8.0 - = 24.0$$

$$4.0 \ 4.0 \ 4.0 \ 9.0 - * - = 24.0$$

$$4.0 \ 4.0 \ 4.0 * 10.0 - * = 24.0$$

$$4.0 \ 4.0 + 4.0 + 12.0 + = 24.0$$

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$$4.0 \ 4.0 \ 5.0 - 7.0 + * = 24.0$$

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$$4.0 \ 4.0 \ 6.0 - 8.0 + * = 24.0$$

$$4.0 \ 4.0 * 6.0 / 9.0 * = 24.0$$

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$$4.0 \ 4.0 * 8.0 / 12.0 * = 24.0$$

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$$4.0 \ 4.0 \ 9.0 - 11.0 + * = 24.0$$

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$$4.0 \ 5.0 - 5.0 \ 5.0 * + = 24.0$$

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$$4.0 \ 5.0 * 5.0 - 9.0 + = 24.0$$

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$$4.0 \ 5.0 \ 8.0 - 9.0 + * = 24.0$$

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$$4.0 \ 5.0 \ 9.0 \ 9.0 / + * = 24.0$$

$$4.0 \ 5.0 \ 9.0 - 10.0 + * = 24.0$$

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$$4.0 \ 5.0 \ 12.0 \ 12.0 / + * = 24.0$$

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$$4.0 \ 6.0 + 6.0 - 6.0 * = 24.0$$

$$4.0 \ 6.0 + 6.0 + 8.0 + = 24.0$$

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$$4.0 \ 6.0 + 7.0 - 8.0 * = 24.0$$

$$4.0 \ 6.0 * 8.0 + 8.0 - = 24.0$$

$$4.0 \ 6.0 \ 8.0 - 10.0 * - = 24.0$$

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$$4.0 \ 6.0 * 9.0 + 9.0 - = 24.0$$

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$$4.0\ 6.0 - 13.0 + 13.0 + = 24.0$$

$$4.0\ 7.0\ 7.0\ 7.0 / - * = 24.0$$

$$4.0\ 7.0\ 7.0 / - 8.0 * = 24.0$$

$$4.0\ 7.0 * 7.0 + 11.0 - = 24.0$$

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$$5.0\ 5.0 * 5.0\ 5.0 / - = 24.0$$

$$5.0\ 5.0 * 5.0 + 6.0 - = 24.0$$

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$$5.0\ 5.0 * 6.0 + 7.0 - = 24.0$$

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$$6.0 \ 6.0 + 6.0 + 6.0 + = 24.0$$

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$$6.0\ 7.0\ 7.0 + 10.0 - * = 24.0$$

$$6.0\ 7.0 * 7.0 - 11.0 - = 24.0$$

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$$6.0\ 8.0\ 8.0 + 12.0 - * = 24.0$$

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$$6.0\ 8.0 * 11.0 - 13.0 - = 24.0$$

$$6.0\ 8.0 + 12.0 - 12.0 * = 24.0$$

$$6.0\ 8.0 - 13.0 + 13.0 + = 24.0$$

$$6.0\ 9.0\ 9.0\ 11.0 - * - = 24.0$$

$$6.0\ 9.0\ 10.0\ 12.0 - * - = 24.0$$

$$6.0\ 9.0\ 11.0\ 13.0 - * - = 24.0$$

$$7.0\ 7.0 + 7.0 / 12.0 * = 24.0$$

$$7.0\ 7.0 / 10.0 + 13.0 + = 24.0$$

$$7.0\ 7.0 / 11.0 + 12.0 + = 24.0$$

$$7.0\ 7.0 - 11.0 + 13.0 + = 24.0$$

$$7.0\ 7.0 + 12.0 - 12.0 * = 24.0$$

$$7.0\ 7.0 * 12.0 - 13.0 - = 24.0$$

$$7.0\ 8.0 - 12.0 + 13.0 + = 24.0$$

$$7.0\ 9.0 - 13.0 + 13.0 + = 24.0$$

$$8.0\ 8.0\ 8.0\ 10.0 - * - = 24.0$$

$$8.0\ 8.0 + 8.0 / 12.0 * = 24.0$$

$$8.0\ 8.0\ 8.0 + 13.0 - * = 24.0$$

$$8.0\ 8.0\ 9.0\ 11.0 - * - = 24.0$$

$$8.0\ 8.0\ 10.0\ 12.0 - * - = 24.0$$

$$8.0\ 8.0 / 10.0 + 13.0 + = 24.0$$

$$8.0\ 8.0 / 11.0 + 12.0 + = 24.0$$

$$8.0\ 8.0 - 11.0 + 13.0 + = 24.0$$

$$8.0\ 8.0 - 12.0 + 12.0 + = 24.0$$

$$8.0\ 9.0 - 12.0 + 13.0 + = 24.0$$

$$8.0\ 10.0 - 13.0 + 13.0 + = 24.0$$

$$9.0\ 9.0 + 9.0 / 12.0 * = 24.0$$

$$9.0\ 9.0 / 10.0 + 13.0 + = 24.0$$

$$9.0\ 9.0 / 11.0 + 12.0 + = 24.0$$

$$9.0\ 9.0 - 11.0 + 13.0 + = 24.0$$

$$9.0\ 9.0 - 12.0 + 12.0 + = 24.0$$

$$9.0\ 10.0 - 12.0 + 13.0 + = 24.0$$

$$9.0\ 11.0 - 13.0 + 13.0 + = 24.0$$

$$10.0\ 10.0 + 10.0 / 12.0 * = 24.0$$

$$10.0\ 10.0 / 10.0 + 13.0 + = 24.0$$

$$10.0\ 10.0 / 11.0 + 12.0 + = 24.0$$

$$10.0\ 10.0 - 11.0 + 13.0 + = 24.0$$

$$10.0\ 10.0 - 12.0 + 12.0 + = 24.0$$

$$10.0\ 11.0\ 11.0 / + 13.0 + = 24.0$$

$$10.0\ 11.0 - 12.0 + 13.0 + = 24.0$$

$$10.0\ 12.0\ 12.0 / + 13.0 + = 24.0$$

$$10.0\ 12.0 - 13.0 + 13.0 + = 24.0$$

$$10.0\ 13.0 + 13.0\ 13.0 / + = 24.0$$

$$11.0\ 11.0 + 11.0 / 12.0 * = 24.0$$

$$11.0\ 11.0 + 11.0 - 13.0 + = 24.0$$

$$11.0\ 11.0 - 12.0 + 12.0 + = 24.0$$

$$11.0\ 11.0\ 12.0 - 13.0 * - = 24.0$$

$$11.0\ 12.0 + 12.0\ 12.0 / + = 24.0$$

$$11.0\ 12.0 + 12.0 - 13.0 + = 24.0$$

11.0 12.0 + 13.0 13.0 / + = 24.0

11.0 13.0 + 13.0 + 13.0 - = 24.0

12.0 12.0 + 12.0 + 12.0 - = 24.0

12.0 12.0 12.0 / - 13.0 + = 24.0

12.0 12.0 + 13.0 + 13.0 - = 24.0

12.0 13.0 + 13.0 13.0 / - = 24.0

Process finished with exit code 0