Rubric

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| --- | --- | --- | --- | --- | --- | --- |
| Name of Project | Element 1  20 | Element 2  20 | Element 3  20 | Element 4  20 | Element 5  20 | Bonus |
| StarsAndStripes | 2 blank lines | Print 20 stars | Print 20 stripes | Print small box | Print big box |  |
| SmileyFace | Correct header | Yellow face | Green eyes | Black nose | Red smile |  |
| Big House | Correct header | Green roof | Blue house | Yellow windows | door | Trees, etc. |
| Robot | Head with eyes, nose, mouth | Head with eyes nose mouth | 2 arms | 2 legs | 2 body boxes with fill/draw rectangles |  |
| Shape (must be original) | Constructor method complete & correct | Shape can have different size | Shape can have different color | Shape can be a different position | At least 3 shapes drawn on panel |  |
| SumIt | Correct formula/variables used for sum | Correct output statement | Formatting of numbers | Correct test data | Output as a comment |  |
| Rectangle | Correct formula/variables used for sum | Correct output statement | Formatting of numbers | Correct test data | Output as a comment |  |
| NumAvg | Correct average method | Correct print method | Correct formula | Formatting of numbers | Correct test data & output as a comment |  |
| Cube | Correct area of a cube formula and method | Correct set side method | Correct print method | Correct test data | Output as a comment |  |
| Circle | Correct format of numbers (4 digits past . | Correct setRadius | Correct circleArea  Correct formula/variables used for sum | CorrectPrint | Correct test data & output as a comment |  |
| Line | Constructor method | Set coordinates | Calculates slope correctly | Correct print statement | Correct test data and output as a comment |  |
| Celsius to Fahrenheit | setFahrenheit | getCelsius | Print | Output is formatted correctly | Correct test data and output as a comment |  |