Rubic’s Cube Project Submission Template / Esmatullah Nickzad

Share the screenshots of the competition in each part.

Part 1 - Create Cube

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| RubicCube.java: Implement the Constructor  A screen shot of a computer code  Description automatically generated  A computer screen shot of a code  Description automatically generated  A computer screen shot of code  Description automatically generated |
| Sample Run:  A computer screen with white text  Description automatically generated |

Part 2 - Rotate the entire Cube

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| RubikCube.java - Implement the 4 commands as void methods - left(), right(), up(), down():  A screen shot of a computer program  Description automatically generated |
| RubikRunner.java - add a command loop that asks the user for which direction to turn the cube, including the option to exit the program. After each turn is executed, print out the cube: A screen shot of a computer program  Description automatically generated |
| Sample Run:  A screenshot of a computer program  Description automatically generated |

Part 3 - Nine-facet version of each face.

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| RubicFace.java - Add a 3x3 array to RubikFace that will hold the colors for each of the 9 facets on the face:  A computer screen shot of code  Description automatically generated |
| ‘  RubikRunner.java:  A screen shot of a computer program  Description automatically generated |
| RubikCube.java: 🡪 aligning the formatting was challenging for me.  A screen shot of a computer  Description automatically generated |
| Test Run:  A screenshot of a computer screen  Description automatically generated |

Part 4 - Shuffled Cube

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| RubicFace.java:  A screen shot of a computer program  Description automatically generated |
| RubicRunner.java:  A screen shot of a computer program  Description automatically generated |
| Test Run  A screenshot of a computer program  Description automatically generated |

Part 5

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| RubicFace.java  A screen shot of a computer program  Description automatically generated |
| RubicCube.java  A screen shot of a computer program  Description automatically generated |
| Test Run:  A screenshot of a computer screen  Description automatically generated |