```
1: // Data taken from source file /usr/share/X11/rgb.txt
 2: const unordered_map<string,rgbcolor> color_names = {
       {"alice-blue"
                                  , rgbcolor (240, 248, 255)},
 3:
 4:
        "AliceBlue"
                                  , rgbcolor (240, 248, 255)},
                                  , rgbcolor (250, 235, 215)},
 5:
        "antique-white"
 6:
        "AntiqueWhite"
                                  , rgbcolor (250, 235, 215)},
 7:
        "AntiqueWhite1"
                                  , rgbcolor (255, 239, 219)},
        "AntiqueWhite2"
                                  , rgbcolor (238, 223, 204)},
 8:
9:
                                  , rgbcolor (205, 192, 176)},
        "AntiqueWhite3"
                                  , rgbcolor (139, 131, 120)},
10:
        "AntiqueWhite4"
11:
        "aqua"
                                  , rgbcolor ( 0, 255, 255)},
                                  , rgbcolor (127, 255, 212)},
12:
        "aquamarine"
                                 , rgbcolor (127, 255, 212)},
13:
        "aquamarine1"
                                 , rgbcolor (118, 238, 198)},
14:
        "aquamarine2"
                                   rgbcolor (102, 205, 170)},
15:
        "aquamarine3"
16:
        "aquamarine4"
                                  , rgbcolor ( 69, 139, 116)},
17:
        "azure"
                                   rgbcolor (240, 255, 255)},
                                  , rgbcolor (240, 255, 255)},
18:
        "azure1"
19:
                                  , rgbcolor (224, 238, 238)},
        "azure2"
                                  , rgbcolor (193, 205, 205)},
20:
        "azure3"
                                  , rgbcolor (131, 139, 139)},
21:
        "azure4"
                                  , rgbcolor (245, 245, 220)},
22:
        "beige"
                                  , rgbcolor (255, 228, 196)},
23:
        "bisque"
24:
        "bisque1"
                                   rgbcolor (255, 228, 196)},
                                  , rgbcolor (238, 213, 183)},
25:
        "bisque2"
26:
        "bisque3"
                                   rgbcolor (205, 183, 158)},
27:
        "bisque4"
                                   rgbcolor (139, 125, 107)},
28:
        "black"
                                   rgbcolor ( 0,
                                                      0,
                                   rgbcolor (255, 235, 205),
29:
        "blanched-almond"
                                  , rgbcolor (255, 235, 205)},
30:
        "BlanchedAlmond"
31:
        "blue"
                                  , rgbcolor (
                                                Ο,
                                                      0, 255)},
                                   rgbcolor (138,
                                                    43, 226)},
32:
        "blue-violet"
                                                Ο,
                                  , rgbcolor (
                                                      0, 255)},
33:
        "blue1"
                                  , rgbcolor (
34:
        "blue2"
                                                0,
                                                      0, 238)},
35:
        "blue3"
                                   rgbcolor (
                                                      0, 205)},
                                                Ο,
36:
        "blue4"
                                  , rgbcolor (
                                               Ο,
                                                      0, 139)},
                                  , rgbcolor (138,
                                                     43, 226)},
37:
        "BlueViolet"
                                  , rgbcolor (165,
38:
        "brown"
                                                     42,
                                                          42)},
39:
        "brown1"
                                   rgbcolor (255,
                                                     64,
                                                          64)},
40:
        "brown2"
                                  , rgbcolor (238,
                                                     59,
                                                          59)},
41:
        "brown3"
                                  , rgbcolor (205,
                                                    51,
                                                          51)},
                                   rgbcolor (139,
                                                     35,
                                                          35)},
42:
        "brown4"
                                   rgbcolor (222, 184, 135)},
43:
        "burlywood"
                                  , rgbcolor (255, 211, 155)},
44:
        "burlywood1"
                                  , rgbcolor (238, 197, 145)},
45:
        "burlywood2"
46:
        "burlywood3"
                                   rgbcolor (205, 170, 125)},
                                  , rgbcolor (139, 115,
47:
        "burlywood4"
        "cadet-blue"
                                  , rgbcolor (95, 158, 160)},
48:
                                  , rgbcolor ( 95, 158, 160)},
49:
        "CadetBlue"
50:
        "CadetBlue1"
                                   rgbcolor (152, 245, 255)},
                                  , rgbcolor (142, 229, 238)},
51:
        "CadetBlue2"
                                  , rgbcolor (122, 197, 205)},
52:
        "CadetBlue3"
        "CadetBlue4"
                                  , rgbcolor (83, 134, 139)},
53:
                                  , rgbcolor (127, 255,
54:
        "chartreuse"
                                                           0)},
                                  , rgbcolor (127, 255,
55:
        "chartreuse1"
                                                           0)},
56:
        "chartreuse2"
                                  , rgbcolor (118, 238,
                                                           0)},
57:
        "chartreuse3"
                                 , rgbcolor (102, 205,
                                                           0)},
58:
       {"chartreuse4"
                                  , rgbcolor ( 69, 139,
                                                           0)},
```

```
59:
        {"chocolate"
                                   , rgbcolor (210, 105,
                                                           30)},
 60:
         "chocolate1"
                                   , rgbcolor (255, 127,
                                                           36)},
                                   , rgbcolor (238, 118,
         "chocolate2"
 61:
                                                           33)},
                                                           29)},
 62:
         "chocolate3"
                                   , rgbcolor (205, 102,
                                   , rgbcolor (139, 69,
 63:
         "chocolate4"
                                                           19)},
         "coral"
                                                           80)},
 64:
                                   , rgbcolor (255, 127,
 65:
         "coral1"
                                   , rgbcolor (255, 114,
                                                           86)},
                                   , rgbcolor (238, 106,
 66:
         "coral2"
                                                           80)},
                                   , rgbcolor (205, 91,
                                                           69)},
         "coral3"
 67:
                                  , rgbcolor (139, 62,
 68:
         "coral4"
                                                           47)},
                                   , rgbcolor (100, 149, 237)},
 69:
         "cornflower-blue"
 70:
         "CornflowerBlue"
                                  , rgbcolor (100, 149, 237)},
                                  , rgbcolor (255, 248, 220)},
 71:
         "cornsilk"
                                  , rgbcolor (255, 248, 220)},
 72:
         "cornsilk1"
 73:
         "cornsilk2"
                                  , rgbcolor (238, 232, 205)},
                                   , rgbcolor (205, 200, 177)},
 74:
         "cornsilk3"
 75:
         "cornsilk4"
                                  , rgbcolor (139, 136, 120)},
 76:
         "crimson"
                                   , rgbcolor (220, 20,
                                                           60)},
                                                 0, 255, 255)
 77:
                                   , rgbcolor (
         "cyan"
                                  , rgbcolor (
                                                 0, 255, 255)},
 78:
         "cyan1"
                                                 0, 238, 238)
 79:
         "cyan2"
                                  , rgbcolor (
                                  , rgbcolor (
                                                 0, 205, 205)},
 80:
         "cyan3"
 81:
         "cyan4"
                                  , rgbcolor (
                                                 0, 139, 139)},
 82:
         "dark-blue"
                                  , rgbcolor (
                                                 Ο,
                                                       0, 139)},
                                                 0, 139, 139)},
                                  , rgbcolor (
 83:
         "dark-cyan"
 84:
         "dark-goldenrod"
                                  , rgbcolor (184, 134,
                                                           11)},
                                  , rgbcolor (169, 169, 169)},
 85:
         "dark-gray"
                                                            0)},
 86:
         "dark-green"
                                  , rgbcolor ( 0, 100,
                                  , rgbcolor (169, 169, 169)},
 87:
         "dark-grey"
         "dark-khaki"
                                  , rgbcolor (189, 183, 107)},
 88:
                                  , rgbcolor (139,
 89:
         "dark-magenta"
                                                      0, 139)},
                                  , rgbcolor ( 85, 107,
                                                           47)},
 90:
         "dark-olive-green"
                                  , rgbcolor (255, 140,
 91:
         "dark-orange"
                                                            0)},
 92:
         "dark-orchid"
                                  , rgbcolor (153, 50, 204)},
                                  , rgbcolor (139,
 93:
         "dark-red"
                                                      0,
                                  , rgbcolor (233, 150, 122)},
 94:
         "dark-salmon"
 95:
         "dark-sea-green"
                                  , rgbcolor (143, 188, 143)},
                                  , rgbcolor (72,
 96:
         "dark-slate-blue"
                                                     61, 139)},
 97:
         "dark-slate-gray"
                                  , rgbcolor (47,
                                                     79,
                                                           79)},
                                                           79)},
 98:
         "dark-slate-grey"
                                  , rgbcolor ( 47,
                                                     79,
                                                0, 206, 209)},
 99:
         "dark-turquoise"
                                  , rgbcolor (
         "dark-violet"
                                  , rgbcolor (148,
100:
                                                       0, 211)},
                                  , rgbcolor ( 0,
                                                       0, 139)},
101:
         "DarkBlue"
                                                0, 139, 139)},
                                  , rgbcolor (
102:
         "DarkCyan"
         "DarkGoldenrod"
                                   , rgbcolor (184, 134,
103:
                                                           11)},
                                                           15)},
104:
         "DarkGoldenrod1"
                                  , rgbcolor (255, 185,
         "DarkGoldenrod2"
                                   , rgbcolor (238, 173,
                                                           14)},
105:
         "DarkGoldenrod3"
                                   , rgbcolor (205, 149,
106:
                                                           12)},
                                   , rgbcolor (139, 101,
107:
         "DarkGoldenrod4"
108:
         "DarkGray"
                                  , rgbcolor (169, 169, 169)},
                                   , rgbcolor ( 0, 100,
109:
         "DarkGreen"
         "DarkGrey"
                                   , rgbcolor (169, 169, 169)},
110:
         "DarkKhaki"
111:
                                  , rgbcolor (189, 183, 107)},
                                  , rgbcolor (139,
                                                      0, 139)},
112:
         "DarkMagenta"
                                  , rgbcolor ( 85, 107,
113:
         "DarkOliveGreen"
                                                           47)},
114:
         "DarkOliveGreen1"
                                  , rgbcolor (202, 255, 112)},
115:
         "DarkOliveGreen2"
                                  , rgbcolor (188, 238, 104)},
                                  , rgbcolor (162, 205,
116:
        {"DarkOliveGreen3"
                                                           90)},
```

05/15/19

18:02:11

```
, rgbcolor (110, 139,
117:
        {"DarkOliveGreen4"
                                                           61)},
118:
         "DarkOrange"
                                   , rgbcolor (255, 140,
                                                            0)},
                                   , rgbcolor (255, 127,
119:
         "DarkOrange1"
                                                            0)},
         "DarkOrange2"
                                   , rgbcolor (238, 118,
120:
                                                            0)},
                                   , rgbcolor (205, 102,
                                                            0)},
121:
         "DarkOrange3"
122:
         "DarkOrange4"
                                  , rgbcolor (139,
                                                     69,
                                                            0)},
123:
         "DarkOrchid"
                                   , rgbcolor (153,
                                                     50, 204)},
                                  , rgbcolor (191,
                                                     62, 255)},
124:
         "DarkOrchid1"
                                  , rgbcolor (178,
                                                     58, 238)},
125:
         "DarkOrchid2"
                                  , rgbcolor (154,
                                                     50, 205)},
126:
         "DarkOrchid3"
127:
         "DarkOrchid4"
                                   , rgbcolor (104,
                                                     34, 139)},
         "DarkRed"
                                   , rgbcolor (139,
                                                      0,
128:
                                  , rgbcolor (233, 150, 122)},
129:
         "DarkSalmon"
                                  , rgbcolor (143, 188, 143)},
130:
         "DarkSeaGreen"
         "DarkSeaGreen1"
                                  , rgbcolor (193, 255, 193)},
131:
                                   , rgbcolor (180, 238, 180)},
132:
         "DarkSeaGreen2"
133:
         "DarkSeaGreen3"
                                  , rgbcolor (155, 205, 155)},
                                   , rgbcolor (105, 139, 105)},
134:
         "DarkSeaGreen4"
         "DarkSlateBlue"
                                   , rgbcolor (72, 61, 139)},
135:
                                   , rgbcolor ( 47, 79,
         "DarkSlateGray"
136:
                                                           79)},
                                   , rgbcolor (151, 255, 255)},
137:
         "DarkSlateGray1"
                                   , rgbcolor (141, 238, 238)},
138:
         "DarkSlateGray2"
         "DarkSlateGray3"
                                   , rgbcolor (121, 205, 205)},
139:
140:
         "DarkSlateGray4"
                                  , rgbcolor ( 82, 139, 139)},
                                   , rgbcolor ( 47,
                                                     79,
141:
         "DarkSlateGrey"
                                                           79)},
142:
         "DarkTurquoise"
                                   , rgbcolor (
                                                 0, 206, 209)},
                                   , rgbcolor (148,
143:
         "DarkViolet"
                                                     0, 211)},
144:
         "deep-pink"
                                  , rgbcolor (255,
                                                     20, 147)},
                                  , rgbcolor ( 0, 191, 255),
145:
         "deep-sky-blue"
                                  , rgbcolor (255,
                                                     20, 147)},
146:
         "DeepPink"
                                  , rgbcolor (255,
147:
         "DeepPink1"
                                                     20, 147)},
                                   , rgbcolor (238,
                                                     18, 137)},
148:
         "DeepPink2"
                                   , rgbcolor (205,
                                                     16, 118)},
149:
         "DeepPink3"
         "DeepPink4"
                                  , rgbcolor (139,
                                                    10,
150:
                                                           80)},
                                                0, 191, 255)},
151:
         "DeepSkyBlue"
                                  , rgbcolor (
                                  , rgbcolor (
                                                 0, 191, 255)
152:
         "DeepSkyBlue1"
         "DeepSkyBlue2"
                                  , rgbcolor (
                                                 0, 178, 238)},
153:
                                   , rgbcolor (
154:
         "DeepSkyBlue3"
                                                 0, 154, 205),
155:
         "DeepSkyBlue4"
                                  , rgbcolor (
                                                 0, 104, 139)},
                                   , rgbcolor (105, 105, 105)},
         "dim-gray"
156:
157:
         "dim-grey"
                                   , rgbcolor (105, 105, 105)},
         "DimGray"
                                   , rgbcolor (105, 105, 105)},
158:
                                   , rgbcolor (105, 105, 105)},
159:
         "DimGrey"
                                   , rgbcolor ( 30, 144, 255)},
160:
         "dodger-blue"
                                   , rgbcolor ( 30, 144, 255)},
161:
         "DodgerBlue"
                                  , rgbcolor ( 30, 144, 255)},
162:
         "DodgerBlue1"
                                   , rgbcolor (28, 134, 238)},
163:
         "DodgerBlue2"
         "DodgerBlue3"
                                   , rgbcolor ( 24, 116, 205)},
164:
                                   , rgbcolor ( 16,
165:
         "DodgerBlue4"
                                                     78, 139)},
166:
         "firebrick"
                                  , rgbcolor (178,
                                                     34,
                                                           34)},
                                   , rgbcolor (255,
                                                           48)},
167:
         "firebrick1"
                                                     48,
         "firebrick2"
                                   , rgbcolor (238,
                                                     44,
                                                           44)},
168:
                                  , rgbcolor (205,
         "firebrick3"
                                                     38,
                                                           38)},
169:
                                                     26,
                                  , rgbcolor (139,
                                                           26)},
170:
         "firebrick4"
                                  , rgbcolor (255, 250, 240)},
171:
         "floral-white"
                                  , rgbcolor (255, 250, 240)},
172:
         "FloralWhite"
173:
         "forest-green"
                                  , rgbcolor ( 34, 139,
                                                           34)},
                                   , rgbcolor ( 34, 139,
174:
        { "ForestGreen"
```

```
175:
        {"fuchsia"
                                    , rgbcolor (255,
                                                        0, 255)},
176:
         "gainsboro"
                                     rgbcolor (220, 220, 220)},
                                     rgbcolor (248, 248, 255)},
177:
         "ghost-white"
178:
         "GhostWhite"
                                     rgbcolor (248, 248, 255)},
179:
         "gold"
                                    , rgbcolor (255, 215,
                                                             0)},
180:
         "gold1"
                                     rgbcolor (255, 215,
181:
         "gold2"
                                    , rgbcolor (238, 201,
                                                             0)},
                                   , rgbcolor (205, 173,
         "gold3"
                                                             0)},
182:
         "gold4"
                                   , rgbcolor (139, 117,
183:
                                                             0)},
                                   , rgbcolor (218, 165,
         "goldenrod"
184:
                                                            32)},
185:
         "goldenrod1"
                                   , rgbcolor (255, 193,
                                                            37)},
         "goldenrod2"
                                   , rgbcolor (238, 180,
186:
                                                            34)},
         "goldenrod3"
                                   , rgbcolor (205, 155,
                                                            29)},
187:
                                   , rgbcolor (139, 105,
         "goldenrod4"
188:
                                                            20)},
189:
         "gray"
                                     rgbcolor (190, 190, 190)},
190:
         "gray0"
                                   , rgbcolor (
                                                   0,
                                                        0,
                                                             0)},
191:
         "gray1"
                                     rgbcolor (
                                                   3,
                                                        3,
                                                             3)},
                                   , rgbcolor ( 26,
                                                            26)},
192:
         "gray10"
                                                       26,
                                   , rgbcolor (255, 255, 255)},
193:
         "gray100"
                                   , rgbcolor ( 28,
         "gray11"
                                                       28,
194:
                                                            28)},
                                     rgbcolor ( 31,
195:
         "gray12"
                                                       31,
                                                            31)},
                                   , rgbcolor ( 33,
                                                       33,
196:
         "gray13"
                                                            33)},
         "gray14"
                                   , rgbcolor ( 36,
                                                       36,
                                                            36)},
197:
                                   , rgbcolor ( 38,
                                                            38)},
198:
         "gray15"
                                                       38,
                                     rgbcolor (41,
199:
         "gray16"
                                                       41,
                                                            41)},
200:
         "gray17"
                                     rgbcolor (43,
                                                       43,
                                                            43)},
                                   , rgbcolor ( 46,
201:
         "gray18"
                                                       46,
                                                            46)},
                                                            48)},
202:
         "gray19"
                                     rgbcolor (48,
                                                       48,
203:
         "gray2"
                                   , rgbcolor (
                                                  5,
                                                       5,
                                                             5)},
204:
         "gray20"
                                   , rgbcolor (51,
                                                       51,
                                                            51)},
                                   , rgbcolor ( 54,
                                                            54)},
205:
         "gray21"
                                                       54,
206:
                                     rgbcolor (56,
                                                       56,
         "gray22"
                                                            56)},
                                                            59)},
                                    , rgbcolor (59,
                                                       59,
207:
         "gray23"
208:
         "gray24"
                                   , rgbcolor ( 61,
                                                       61,
                                                            61)},
209:
         "gray25"
                                     rgbcolor ( 64,
                                                       64,
                                                            64)},
210:
         "gray26"
                                     rgbcolor (66,
                                                       66,
                                                            66)},
211:
         "gray27"
                                     rgbcolor ( 69,
                                                       69,
                                                            69)},
                                   , rgbcolor (71,
                                                            71)},
212:
         "gray28"
                                                       71,
213:
         "gray29"
                                     rgbcolor (74,
                                                       74,
                                                            74)},
214:
         "gray3"
                                     rgbcolor (
                                                 8,
                                                       8,
                                                             8)},
                                                       77,
215:
         "gray30"
                                   , rgbcolor (77,
                                                            77)},
216:
                                     rgbcolor (79,
                                                       79,
                                                            79)},
         "gray31"
                                     rgbcolor (82,
217:
                                                       82,
                                                            82)},
         "gray32"
                                   , rgbcolor (84,
                                                       84,
218:
         "gray33"
                                                            84)},
                                   , rgbcolor (87,
                                                       87,
                                                            87)},
219:
         "gray34"
220:
         "gray35"
                                     rgbcolor (89,
                                                       89,
                                                            89)},
                                     rgbcolor (92,
                                                       92,
221:
         "gray36"
                                                            92)},
                                                            94)},
         "gray37"
                                     rgbcolor (94,
                                                       94,
222:
                                                       97,
223:
         "gray38"
                                     rgbcolor (97,
                                                            97)},
                                                            99)},
224:
         "gray39"
                                     rgbcolor (99,
                                                       99,
                                   , rgbcolor ( 10,
225:
         "gray4"
                                                       10,
                                                            10)},
         "gray40"
                                   , rgbcolor (102, 102, 102)},
226:
227:
         "gray41"
                                   , rgbcolor (105, 105, 105)},
                                     rgbcolor (107, 107, 107)},
228:
         "gray42"
                                    , rgbcolor (110, 110, 110)},
229:
         "gray43"
230:
         "gray44"
                                    , rgbcolor (112, 112, 112)},
231:
         "gray45"
                                   , rgbcolor (115, 115, 115)},
                                    , rgbcolor (117, 117, 117)},
232:
        { "gray46"
```

```
"grey18"
                                     rgbcolor (46,
                                                      46,
                                                            46)},
310:
                                                            48)},
311:
         "grey19"
                                     rgbcolor (
                                                 48,
                                                      48,
                                                      5,
312:
         "grey2"
                                    rgbcolor (
                                                 5,
                                                             5)},
313:
         "grey20"
                                   , rgbcolor (51,
                                                      51,
                                                            51)},
314:
         "grey21"
                                     rgbcolor (54,
                                                      54,
                                                            54)},
315:
                                     rgbcolor (56,
                                                      56,
         "grey22"
                                                            56)},
         "grey23"
316:
                                     rgbcolor (59,
                                                      59,
                                                            59)},
317:
         "grey24"
                                     rgbcolor (61,
                                                      61,
                                                            61)},
318:
         "grey25"
                                     rgbcolor ( 64,
                                                      64,
                                                            64)},
                                                            66)},
319:
         "grey26"
                                     rgbcolor (66,
                                                      66,
         "grey27"
                                    rgbcolor ( 69,
                                                      69,
                                                            69)},
320:
321:
         "grey28"
                                     rgbcolor (
                                                 71,
                                                      71,
                                                            71)},
322:
                                     rgbcolor (
                                                 74,
                                                      74,
         "grey29"
                                                            74)},
                                    rgbcolor (
                                                             8)},
323:
         "grey3"
                                                  8,
                                                       8,
                                                      77,
         "grey30"
                                   , rgbcolor (77,
                                                            77)},
324:
325:
         "grey31"
                                     rgbcolor (79,
                                                      79,
                                                            79)},
326:
         "grey32"
                                    rgbcolor (82,
                                                      82,
                                                            82)},
         "grey33"
                                    rgbcolor (84,
                                                      84,
                                                            84)},
327:
328:
         "grey34"
                                     rgbcolor (87,
                                                      87,
                                                            87)},
329:
         "grey35"
                                     rgbcolor (89,
                                                      89,
                                                            89)},
330:
         "grey36"
                                     rgbcolor (92,
                                                      92,
                                                            92)},
331:
         "grey37"
                                     rgbcolor (94,
                                                      94,
                                                            94)},
                                     rgbcolor (97,
                                                      97,
                                                            97)},
332:
         "grey38"
                                     rgbcolor (99,
                                                      99,
                                                            99)},
333:
         "grey39"
                                    rgbcolor (10,
                                                      10,
334:
         "grey4"
                                                            10)},
335:
         "grey40"
                                     rgbcolor (102, 102, 102)},
336:
         "grey41"
                                     rgbcolor (105, 105, 105)},
                                     rgbcolor (107, 107, 107)},
337:
         "grey42"
         "grey43"
338:
                                     rgbcolor (110, 110, 110)},
339:
         "grey44"
                                     rgbcolor (112, 112, 112)},
340:
         "grey45"
                                     rgbcolor (115, 115, 115)},
                                     rgbcolor (117, 117, 117)),
341:
         "grey46"
         "grey47"
                                     rgbcolor (120, 120, 120)},
342:
         "grey48"
343:
                                     rgbcolor (122, 122, 122)},
                                     rgbcolor (125, 125, 125)},
344:
         "grey49"
                                    rgbcolor (13,
345:
         "grey5"
                                                     13,
                                                            13)},
346:
         "grey50"
                                   , rgbcolor (127, 127, 127)},
347:
         "grey51"
                                    rgbcolor (130, 130, 130)},
                                   , rgbcolor (133, 133, 133)},
348:
        { "grey52"
```

```
407:
        {"HotPink1"
                                   , rgbcolor (255, 110, 180)},
408:
         "HotPink2"
                                    rgbcolor (238, 106, 167)},
                                    rgbcolor (205,
                                                     96, 144)},
409:
         "HotPink3"
410:
                                    rgbcolor (139,
                                                     58,
         "HotPink4"
                                                           98)},
411:
         "indian-red"
                                    rgbcolor (205,
                                                     92,
                                                           92)},
412:
         "IndianRed"
                                    rgbcolor (205,
                                                     92,
                                                           92)},
                                   , rgbcolor (255, 106, 106)},
413:
         "IndianRed1"
         "IndianRed2"
                                   , rgbcolor (238,
                                                     99,
                                                           99)},
414:
         "IndianRed3"
                                    rgbcolor (205,
                                                           85)},
415:
                                                     85,
                                    rgbcolor (139,
                                                           58)},
416:
         "IndianRed4"
                                                     58,
417:
         "indigo"
                                   , rgbcolor (75,
                                                      0, 130)},
                                   , rgbcolor (255, 255, 240)},
418:
         "ivory"
                                    rgbcolor (255, 255, 240)},
419:
         "ivory1"
                                    rgbcolor (238, 238, 224)},
420:
         "ivory2"
                                    rgbcolor (205, 205, 193)},
421:
         "ivory3"
422:
         "ivory4"
                                    rgbcolor (139, 139, 131)},
423:
         "khaki"
                                    rgbcolor (240, 230, 140)},
                                    rgbcolor (255, 246, 143)},
424:
         "khaki1"
                                    rgbcolor (238, 230, 133)},
425:
         "khaki2"
         "khaki3"
                                    rgbcolor (205, 198, 115)},
426:
                                    rgbcolor (139, 134,
427:
         "khaki4"
                                                           78)},
                                    rgbcolor (230, 230, 250)},
428:
         "lavender"
         "lavender-blush"
                                   , rgbcolor (255, 240, 245)},
429:
430:
         "LavenderBlush"
                                    rgbcolor (255, 240, 245)},
                                   , rgbcolor (255, 240, 245)},
431:
         "LavenderBlush1"
         "LavenderBlush2"
432:
                                   , rgbcolor (238, 224, 229)},
                                   , rgbcolor (205, 193, 197)},
433:
         "LavenderBlush3"
434:
         "LavenderBlush4"
                                    rgbcolor (139, 131, 134)},
                                   , rgbcolor (124, 252,
         "lawn-green"
435:
                                                            0)},
                                   , rgbcolor (124, 252,
                                                            0)},
436:
         "LawnGreen"
437:
         "lemon-chiffon"
                                   , rgbcolor (255, 250, 205)},
                                   , rgbcolor (255, 250, 205)},
         "LemonChiffon"
438:
                                   , rgbcolor (255, 250, 205)},
439:
         "LemonChiffon1"
                                   , rgbcolor (238, 233, 191)},
440:
         "LemonChiffon2"
                                    rgbcolor (205, 201, 165)},
         "LemonChiffon3"
441:
                                    rgbcolor (139, 137, 112)},
442:
         "LemonChiffon4"
         "light-blue"
                                    rgbcolor (173, 216, 230)},
443:
444:
         "light-coral"
                                    rgbcolor (240, 128, 128)},
         "light-cyan"
                                    rgbcolor (224, 255, 255)},
445:
                                   , rgbcolor (238, 221, 130)},
         "light-goldenrod"
446:
447:
         "light-goldenrod-yellow", rgbcolor (250, 250, 210)},
                                   , rgbcolor (211, 211, 211)},
448:
         "light-gray"
                                   , rgbcolor (144, 238, 144)},
449:
         "light-green"
                                    rgbcolor (211, 211, 211)},
450:
         "light-grey"
         "light-pink"
                                   , rgbcolor (255, 182, 193)},
451:
452:
         "light-salmon"
                                    rgbcolor (255, 160, 122)},
                                   , rgbcolor ( 32, 178, 170)},
453:
         "light-sea-green"
         "light-sky-blue"
                                   , rgbcolor (135, 206, 250)},
454:
                                   , rgbcolor (132, 112, 255)},
455:
         "light-slate-blue"
         "light-slate-gray"
                                   , rgbcolor (119, 136, 153)},
456:
                                   , rgbcolor (119, 136, 153)},
457:
         "light-slate-grey"
         "light-steel-blue"
                                   , rgbcolor (176, 196, 222)},
458:
         "light-yellow"
                                   , rgbcolor (255, 255, 224)},
459:
                                   , rgbcolor (173, 216, 230)},
460:
         "LightBlue"
                                   , rgbcolor (191, 239, 255)},
461:
         "LightBlue1"
462:
         "LightBlue2"
                                   , rgbcolor (178, 223, 238)},
         "LightBlue3"
                                   , rgbcolor (154, 192, 205)},
463:
                                   , rgbcolor (104, 131, 139)},
464:
        {"LightBlue4"
```

```
465:
        {"LightCoral"
                                   , rgbcolor (240, 128, 128)},
466:
         "LightCyan"
                                    rgbcolor (224, 255, 255)},
                                    rgbcolor (224, 255, 255)},
467:
         "LightCyan1"
                                    rgbcolor (209, 238, 238)},
468:
         "LightCyan2"
469:
         "LightCyan3"
                                    rgbcolor (180, 205, 205)},
470:
         "LightCyan4"
                                    rgbcolor (122, 139, 139)},
         "LightGoldenrod"
                                    rgbcolor (238, 221, 130)},
471:
         "LightGoldenrod1"
                                    rgbcolor (255, 236, 139)},
472:
         "LightGoldenrod2"
                                    rgbcolor (238, 220, 130)},
473:
                                    rgbcolor (205, 190, 112)},
474:
         "LightGoldenrod3"
475:
         "LightGoldenrod4"
                                   , rgbcolor (139, 129,
                                                           76)},
         "LightGoldenrodYellow"
                                   , rgbcolor (250, 250, 210)},
476:
477:
         "LightGray"
                                   , rgbcolor (211, 211, 211)},
                                   , rgbcolor (144, 238, 144)},
478:
         "LightGreen"
         "LightGrey"
                                    rgbcolor (211, 211, 211)},
479:
480:
         "LightPink"
                                    rgbcolor (255, 182, 193)},
         "LightPink1"
                                    rgbcolor (255, 174, 185)},
481:
                                   , rgbcolor (238, 162, 173)},
482:
         "LightPink2"
                                   , rgbcolor (205, 140, 149)},
483:
         "LightPink3"
                                   , rgbcolor (139, 95, 101)},
484:
         "LightPink4"
                                    rgbcolor (255, 160, 122)},
485:
         "LightSalmon"
486:
         "LightSalmon1"
                                    rgbcolor (255, 160, 122)},
         "LightSalmon2"
                                   , rgbcolor (238, 149, 114)},
487:
         "LightSalmon3"
                                    rgbcolor (205, 129,
                                                           98)},
488:
                                                           66)},
489:
         "LightSalmon4"
                                    rgbcolor (139, 87,
490:
         "LightSeaGreen"
                                    rgbcolor ( 32, 178, 170)},
491:
         "LightSkyBlue"
                                    rgbcolor (135, 206, 250)},
         "LightSkyBlue1"
                                    rgbcolor (176, 226, 255)},
492:
                                    rgbcolor (164, 211, 238)},
         "LightSkyBlue2"
493:
                                    rgbcolor (141, 182, 205)},
494:
         "LightSkyBlue3"
                                    rgbcolor (96, 123, 139)},
495:
         "LightSkyBlue4"
                                    rgbcolor (132, 112, 255)},
         "LightSlateBlue"
496:
                                   , rgbcolor (119, 136, 153)},
497:
         "LightSlateGray"
         "LightSlateGrey"
                                   , rgbcolor (119, 136, 153)},
498:
499:
         "LightSteelBlue"
                                    rgbcolor (176, 196, 222)},
                                    rgbcolor (202, 225, 255)},
500:
         "LightSteelBlue1"
                                    rgbcolor (188, 210, 238)},
501:
         "LightSteelBlue2"
502:
         "LightSteelBlue3"
                                    rgbcolor (162, 181, 205)},
         "LightSteelBlue4"
                                    rgbcolor (110, 123, 139)},
503:
                                   , rgbcolor (255, 255, 224)},
504:
         "LightYellow"
505:
         "LightYellow1"
                                   , rgbcolor (255, 255, 224)},
                                    rgbcolor (238, 238, 209)},
506:
         "LightYellow2"
                                    rgbcolor (205, 205, 180)},
507:
         "LightYellow3"
508:
                                    rgbcolor (139, 139, 122)},
         "LightYellow4"
         "lime"
                                    rgbcolor (
                                                 0, 255,
509:
                                                            0)},
510:
         "lime-green"
                                    rgbcolor ( 50, 205,
                                                           50)},
                                    rgbcolor ( 50, 205,
511:
         "LimeGreen"
                                                           50)},
                                    rgbcolor (250, 240, 230)},
512:
         "linen"
513:
         "magenta"
                                    rgbcolor (255,
                                                       0, 255)},
                                    rgbcolor (255,
                                                       0, 255)},
514:
         "magenta1"
515:
         "magenta2"
                                   , rgbcolor (238,
                                                       0, 238)},
                                   , rgbcolor (205,
                                                      0, 205)},
516:
         "magenta3"
                                    rgbcolor (139,
517:
         "magenta4"
                                                      0, 139)},
                                    rgbcolor (176,
                                                      48,
                                                           96)},
518:
         "maroon"
519:
                                                      52, 179)},
         "maroon1"
                                   , rgbcolor (255,
520:
         "maroon2"
                                   , rgbcolor (238,
                                                      48, 167)},
         "maroon3"
                                   , rgbcolor (205,
                                                      41, 144)},
521:
522:
        {"maroon4"
                                   , rgbcolor (139,
                                                      28,
                                                           98)},
```

```
523:
        {"medium-aquamarine"
                                   , rgbcolor (102, 205, 170)},
524:
         "medium-blue"
                                    rgbcolor (
                                                Ο,
                                                      0, 205)},
525:
                                    rgbcolor (186,
                                                     85, 211)},
         "medium-orchid"
                                   , rgbcolor (147, 112, 219)},
         "medium-purple"
526:
527:
         "medium-sea-green"
                                   , rgbcolor ( 60, 179, 113)},
528:
         "medium-slate-blue"
                                    rgbcolor (123, 104, 238)},
529:
         "medium-spring-green"
                                   , rgbcolor ( 0, 250, 154)},
         "medium-turquoise"
                                   , rgbcolor (72, 209, 204)},
530:
         "medium-violet-red"
                                   , rgbcolor (199,
                                                     21, 133)},
531:
                                    rgbcolor (102, 205, 170)},
532:
         "MediumAquamarine"
533:
         "MediumBlue"
                                   , rgbcolor (
                                                Ο,
                                                      0, 205)},
         "MediumOrchid"
                                  , rgbcolor (186, 85, 211)},
534:
                                  , rgbcolor (224, 102, 255)},
535:
         "MediumOrchid1"
                                  , rgbcolor (209,
                                                     95, 238)},
536:
         "MediumOrchid2"
         "MediumOrchid3"
                                    rgbcolor (180,
                                                     82, 205)},
537:
538:
         "MediumOrchid4"
                                  , rgbcolor (122,
                                                     55, 139)},
539:
         "MediumPurple"
                                    rgbcolor (147, 112, 219)},
540:
         "MediumPurple1"
                                  , rgbcolor (171, 130, 255)},
         "MediumPurple2"
                                  , rgbcolor (159, 121, 238)},
541:
                                  , rgbcolor (137, 104, 205)},
         "MediumPurple3"
542:
543:
         "MediumPurple4"
                                  , rgbcolor ( 93,
                                                    71, 139)},
                                  , rgbcolor ( 60, 179, 113)},
544:
         "MediumSeaGreen"
         "MediumSlateBlue"
                                  , rgbcolor (123, 104, 238)},
545:
546:
         "MediumSpringGreen"
                                  , rgbcolor ( 0, 250, 154)},
                                  , rgbcolor (72, 209, 204)},
547:
         "MediumTurquoise"
                                  , rgbcolor (199,
548:
         "MediumVioletRed"
                                                    21, 133)},
                                  , rgbcolor ( 25, 25, 112)},
549:
         "midnight-blue"
550:
         "MidnightBlue"
                                    rgbcolor ( 25,
                                                    25, 112)},
                                   , rgbcolor (245, 255, 250)},
551:
         "mint-cream"
                                  , rgbcolor (245, 255, 250)},
552:
         "MintCream"
553:
         "misty-rose"
                                    rgbcolor (255, 228, 225)},
                                    rgbcolor (255, 228, 225)},
554:
         "MistyRose"
                                   , rgbcolor (255, 228, 225)},
555:
         "MistyRose1"
         "MistyRose2"
                                  , rgbcolor (238, 213, 210)},
556:
         "MistyRose3"
                                    rgbcolor (205, 183, 181)},
557:
                                    rgbcolor (139, 125, 123)},
558:
         "MistyRose4"
                                    rgbcolor (255, 228, 181)},
559:
         "moccasin"
560:
         "navajo-white"
                                    rgbcolor (255, 222, 173)},
561:
         "NavajoWhite"
                                    rgbcolor (255, 222, 173)},
                                  , rgbcolor (255, 222, 173)},
562:
         "NavajoWhite1"
563:
         "NavajoWhite2"
                                  , rgbcolor (238, 207, 161)},
                                    rgbcolor (205, 179, 139)},
564:
         "NavajoWhite3"
                                    rgbcolor (139, 121,
565:
         "NavajoWhite4"
                                                           94)},
                                                      0, 128)},
566:
         "navy"
                                    rgbcolor (
                                                 Ο,
                                   , rgbcolor (
567:
         "navy-blue"
                                                 0,
                                                      0, 128)},
568:
         "NavyBlue"
                                    rgbcolor (
                                                 0,
                                                      0, 128)},
                                    rgbcolor (253, 245, 230)},
569:
         "old-lace"
570:
                                    rgbcolor (253, 245, 230)},
         "OldLace"
571:
         "olive"
                                    rgbcolor (128, 128,
572:
         "olive-drab"
                                    rgbcolor (107, 142,
                                                           35)},
                                  , rgbcolor (107, 142,
573:
         "OliveDrab"
                                                           35)},
                                  , rgbcolor (192, 255,
574:
         "OliveDrab1"
                                                           62)},
         "OliveDrab2"
                                  , rgbcolor (179, 238,
575:
                                                           58)},
                                  , rgbcolor (154, 205,
                                                           50)},
576:
         "OliveDrab3"
                                                           34)},
                                   , rgbcolor (105, 139,
577:
         "OliveDrab4"
578:
         "orange"
                                  , rgbcolor (255, 165,
                                                            0)},
579:
         "orange-red"
                                  , rgbcolor (255,
                                                            0)},
                                                     69,
580:
                                   , rgbcolor (255, 165,
        {"orange1"
                                                            0)},
```

05/15/19

18:02:11

\$cmps109-wm/Assignments/asg5-oop-opengl/code colors.cppgen

11/14

```
, rgbcolor (238, 154,
581:
        {"orange2"
                                                            0)},
582:
         "orange3"
                                    rgbcolor (205, 133,
                                                            0)},
                                    rgbcolor (139,
                                                     90,
583:
         "orange4"
                                                            0)},
                                    rgbcolor (255,
                                                     69,
584:
         "OrangeRed"
                                                            0)},
                                                            0)},
585:
         "OrangeRed1"
                                    rgbcolor (255,
                                                     69,
586:
         "OrangeRed2"
                                    rgbcolor (238,
                                                     64,
                                                            0)},
587:
         "OrangeRed3"
                                   , rgbcolor (205,
                                                     55,
                                                            0)},
                                   , rgbcolor (139,
                                                     37,
588:
         "OrangeRed4"
                                                            0)},
                                    rgbcolor (218, 112, 214)},
589:
         "orchid"
                                    rgbcolor (255, 131, 250)},
590:
         "orchid1"
591:
         "orchid2"
                                    rgbcolor (238, 122, 233)},
         "orchid3"
                                   , rgbcolor (205, 105, 201)},
592:
                                    rgbcolor (139,
593:
         "orchid4"
                                                     71, 137)},
                                    rgbcolor (238, 232, 170)},
594:
         "pale-goldenrod"
         "pale-green"
                                    rgbcolor (152, 251, 152)},
595:
                                   , rgbcolor (175, 238, 238)},
596:
         "pale-turquoise"
597:
         "pale-violet-red"
                                    rgbcolor (219, 112, 147)},
                                   , rgbcolor (238, 232, 170)},
598:
         "PaleGoldenrod"
599:
         "PaleGreen"
                                   , rgbcolor (152, 251, 152)},
                                    rgbcolor (154, 255, 154)},
600:
         "PaleGreen1"
                                    rgbcolor (144, 238, 144)},
601:
         "PaleGreen2"
                                    rgbcolor (124, 205, 124)},
602:
         "PaleGreen3"
                                    rgbcolor ( 84, 139,
603:
         "PaleGreen4"
                                                           84)},
604:
         "PaleTurquoise"
                                    rgbcolor (175, 238, 238)},
                                    rgbcolor (187, 255, 255)},
605:
         "PaleTurquoise1"
606:
         "PaleTurquoise2"
                                    rgbcolor (174, 238, 238)},
607:
         "PaleTurquoise3"
                                    rgbcolor (150, 205, 205)},
608:
         "PaleTurquoise4"
                                    rgbcolor (102, 139, 139)},
                                    rgbcolor (219, 112, 147)},
609:
         "PaleVioletRed"
                                    rgbcolor (255, 130, 171)},
610:
         "PaleVioletRed1"
611:
         "PaleVioletRed2"
                                    rgbcolor (238, 121, 159)},
                                    rgbcolor (205, 104, 137)},
612:
         "PaleVioletRed3"
                                    rgbcolor (139,
                                                           93)},
613:
         "PaleVioletRed4"
                                                     71,
         "papaya-whip"
                                   , rgbcolor (255, 239, 213)},
614:
                                    rgbcolor (255, 239, 213)},
615:
         "PapayaWhip"
                                    rgbcolor (255, 218, 185)},
616:
         "peach-puff"
         "PeachPuff"
                                    rgbcolor (255, 218, 185)},
617:
618:
         "PeachPuff1"
                                    rgbcolor (255, 218, 185)},
619:
         "PeachPuff2"
                                    rgbcolor (238, 203, 173)},
                                    rgbcolor (205, 175, 149)},
620:
         "PeachPuff3"
621:
         "PeachPuff4"
                                    rgbcolor (139, 119, 101)},
                                    rgbcolor (205, 133,
622:
         "peru"
                                                           63)},
                                    rgbcolor (255, 192, 203)},
623:
         "pink"
                                    rgbcolor (255, 181, 197)},
624:
         "pink1"
                                    rgbcolor (238, 169, 184)},
625:
         ["pink2"
626:
         "pink3"
                                    rgbcolor (205, 145, 158)},
                                    rgbcolor (139, 99, 108)},
627:
         "pink4"
         "plum"
                                    rgbcolor (221, 160, 221)},
628:
629:
         "plum1"
                                    rgbcolor (255, 187, 255)},
630:
         "plum2"
                                    rgbcolor (238, 174, 238)},
                                    rgbcolor (205, 150, 205)},
631:
         "plum3"
         "plum4"
                                    rgbcolor (139, 102, 139)},
632:
         "powder-blue"
                                    rgbcolor (176, 224, 230)},
633:
                                    rgbcolor (176, 224, 230)},
634:
         "PowderBlue"
                                   , rgbcolor (160,
635:
         "purple"
                                                     32, 240)},
636:
         "purple1"
                                   , rgbcolor (155,
                                                     48, 255)},
637:
         "purple2"
                                   , rgbcolor (145,
                                                     44, 238)},
638:
        {"purple3"
                                   , rgbcolor (125,
                                                     38, 205)},
```

```
639:
        {"purple4"
                                   , rgbcolor ( 85,
                                                      26, 139)},
640:
         "rebecca-purple"
                                    rgbcolor (102,
                                                      51, 153)},
                                    rgbcolor (102,
                                                     51, 153)},
641:
         "RebeccaPurple"
                                    rgbcolor (255,
642:
         "red"
                                                       0,
                                                            0)},
                                                            0)},
643:
         "red1"
                                    rgbcolor (255,
                                                       0,
644:
         "red2"
                                    rgbcolor (238,
                                                       0,
                                                            0)},
645:
         "red3"
                                   , rgbcolor (205,
                                                       0,
                                                            0)},
         "red4"
                                   , rgbcolor (139,
                                                       0,
646:
                                                            0)},
         "rosy-brown"
                                   , rgbcolor (188, 143, 143)},
647:
                                   , rgbcolor (188, 143, 143)},
648:
         "RosyBrown"
649:
         "RosyBrown1"
                                   , rgbcolor (255, 193, 193)},
         "RosyBrown2"
                                   , rgbcolor (238, 180, 180)},
650:
                                   , rgbcolor (205, 155, 155)},
651:
         "RosyBrown3"
                                   , rgbcolor (139, 105, 105)},
652:
         "RosyBrown4"
         "royal-blue"
                                    rgbcolor (65, 105, 225)},
653:
                                   , rgbcolor ( 65, 105, 225)},
654:
         "RoyalBlue"
655:
         "RoyalBlue1"
                                    rgbcolor (72, 118, 255)},
                                   , rgbcolor ( 67, 110, 238)},
         "RoyalBlue2"
656:
                                   , rgbcolor ( 58,
                                                     95, 205)},
657:
         "RoyalBlue3"
         "RoyalBlue4"
                                    rgbcolor (39, 64, 139)},
658:
659:
         "saddle-brown"
                                    rgbcolor (139,
                                                     69,
                                                           19)},
                                   , rgbcolor (139,
                                                           19)},
660:
         "SaddleBrown"
                                                     69,
         "salmon"
                                   , rgbcolor (250, 128, 114)},
661:
662:
         "salmon1"
                                    rgbcolor (255, 140, 105)},
                                    rgbcolor (238, 130,
                                                           98)},
663:
         "salmon2"
664:
         "salmon3"
                                    rgbcolor (205, 112,
                                                           84)},
665:
         "salmon4"
                                    rgbcolor (139,
                                                     76,
                                                           57)},
                                                           96)},
666:
         "sandy-brown"
                                    rgbcolor (244, 164,
667:
         "SandyBrown"
                                   , rgbcolor (244, 164,
                                                           96)},
                                   , rgbcolor ( 46, 139,
                                                           87)},
668:
         "sea-green"
669:
         "SeaGreen"
                                    rgbcolor ( 46, 139,
                                                           87)},
                                    rgbcolor (84, 255, 159)},
670:
         "SeaGreen1"
                                   , rgbcolor ( 78, 238, 148)},
671:
         "SeaGreen2"
                                   , rgbcolor ( 67, 205, 128)},
672:
         "SeaGreen3"
673:
         "SeaGreen4"
                                    rgbcolor ( 46, 139,
                                                           87)},
                                    rgbcolor (255, 245, 238)},
674:
         "seashell"
         "seashell1"
                                    rgbcolor (255, 245, 238)},
675:
676:
         "seashell2"
                                    rgbcolor (238, 229, 222)},
677:
         "seashell3"
                                    rgbcolor (205, 197, 191)},
                                    rgbcolor (139, 134, 130)},
678:
         "seashell4"
679:
         "sienna"
                                   , rgbcolor (160, 82,
                                                           45)},
         "sienna1"
                                    rgbcolor (255, 130,
680:
                                                           71)},
                                    rgbcolor (238, 121,
                                                           66)},
681:
         "sienna2"
                                                           57)},
                                    rgbcolor (205, 104,
682:
         "sienna3"
         "sienna4"
                                   , rgbcolor (139, 71,
683:
                                                           38)},
684:
         "silver"
                                    rgbcolor (192, 192, 192)},
                                    rgbcolor (135, 206, 235)},
685:
         "sky-blue"
                                    rgbcolor (135, 206, 235)},
686:
         "SkyBlue"
687:
         "SkyBlue1"
                                    rgbcolor (135, 206, 255)},
688:
         "SkyBlue2"
                                    rgbcolor (126, 192, 238)},
                                   , rgbcolor (108, 166, 205)},
689:
         "SkyBlue3"
                                   , rgbcolor (74, 112, 139)},
690:
         "SkyBlue4"
                                   , rgbcolor (106, 90, 205)},
691:
         "slate-blue"
                                   , rgbcolor (112, 128, 144)},
692:
         "slate-gray"
                                   , rgbcolor (112, 128, 144)},
693:
         "slate-grey"
694:
         "SlateBlue"
                                   , rgbcolor (106, 90, 205)},
695:
         "SlateBlue1"
                                   , rgbcolor (131, 111, 255)},
                                   , rgbcolor (122, 103, 238)},
696:
        {"SlateBlue2"
```

05/15/19

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18:02:11
697:
         {"SlateBlue3"
                                    , rgbcolor (105,
                                                       89, 205)},
698:
          "SlateBlue4"
                                     rgbcolor (71,
                                                      60, 139)},
                                     rgbcolor (112, 128, 144)},
699:
          "SlateGray"
700:
          "SlateGray1"
                                    , rgbcolor (198, 226, 255)},
                                    , rgbcolor (185, 211, 238)},
701:
          "SlateGray2"
702:
          "SlateGray3"
                                     rgbcolor (159, 182, 205)},
703:
          "SlateGray4"
                                    , rgbcolor (108, 123, 139)},
                                    , rgbcolor (112, 128, 144)},
704:
          "SlateGrey"
                                    , rgbcolor (255, 250, 250)},
705:
          "snow"
                                    , rgbcolor (255, 250, 250)},
706:
          "snow1"
707:
          "snow2"
                                    , rgbcolor (238, 233, 233)},
708:
          "snow3"
                                    , rgbcolor (205, 201, 201)},
                                   , rgbcolor (139, 137, 137)},
709:
          "snow4"
                                                  0, 255, 127),
                                   , rgbcolor (
710:
          "spring-green"
          "SpringGreen"
                                   , rgbcolor (
                                                  0, 255, 127)},
711:
                                    , rgbcolor (
712:
          "SpringGreen1"
                                                  0, 255, 127)
713:
          "SpringGreen2"
                                   , rgbcolor (
                                                  0, 238, 118)},
                                                  0, 205, 102)
714:
          "SpringGreen3"
                                    , rgbcolor (
715:
          "SpringGreen4"
                                    , rgbcolor (
                                                  0, 139,
                                                            69)},
                                    , rgbcolor ( 70, 130, 180)},
          "steel-blue"
716:
                                    , rgbcolor (70, 130, 180)},
717:
          "SteelBlue"
                                    , rgbcolor ( 99, 184, 255)},
718:
          "SteelBlue1"
          "SteelBlue2"
                                    , rgbcolor (92, 172, 238)},
719:
720:
          "SteelBlue3"
                                    , rgbcolor ( 79, 148, 205)},
                                     rgbcolor ( 54, 100, 139)},
721:
          "SteelBlue4"
722:
          "tan"
                                    , rgbcolor (210, 180, 140)},
                                    , rgbcolor (255, 165,
723:
          "tan1"
                                                            73)},
724:
          "tan2"
                                     rgbcolor (238, 154,
                                    , rgbcolor (205, 133,
725:
          "tan3"
                                                            63)},
          "tan4"
                                    , rgbcolor (139, 90,
                                                            43)},
726:
727:
          "teal"
                                    , rgbcolor (
                                                 0, 128, 128)},
728:
                                    , rgbcolor (216, 191, 216)},
          "thistle"
                                    , rgbcolor (255, 225, 255)},
729:
          "thistle1"
730:
          "thistle2"
                                    , rgbcolor (238, 210, 238)},
                                    , rgbcolor (205, 181, 205)},
731:
          "thistle3"
                                    , rgbcolor (139, 123, 139)},
732:
          "thistle4"
733:
                                    , rgbcolor (255,
                                                      99,
                                                            71)},
          "tomato"
                                    , rgbcolor (255,
734:
          "tomato1"
                                                       99,
                                                            71)},
735:
          "tomato2"
                                     rgbcolor (238,
                                                      92,
                                                            66)},
736:
          "tomato3"
                                    , rgbcolor (205,
                                                      79,
                                                            57)},
737:
          "tomato4"
                                    , rgbcolor (139,
                                                      54,
                                                            38)},
                                    , rgbcolor ( 64, 224, 208)},
738:
          "turquoise"
                                                  0, 245, 255)
739:
          "turquoise1"
                                    , rgbcolor (
                                    , rgbcolor (
                                                  0, 229, 238)},
740:
          "turquoise2"
                                    , rgbcolor (
                                                  0, 197, 205)},
741:
          "turquoise3"
742:
          "turquoise4"
                                    , rgbcolor (
                                                  0, 134, 139)},
                                    , rgbcolor (238, 130, 238)},
743:
          "violet"
744:
          "violet-red"
                                    , rgbcolor (208,
                                                      32, 144)},
                                    , rgbcolor (208,
745:
          "VioletRed"
                                                      32, 144)},
746:
          "VioletRed1"
                                     rgbcolor (255,
                                                      62, 150)},
                                    , rgbcolor (238,
747:
          "VioletRed2"
                                                       58, 140)},
          "VioletRed3"
                                    , rgbcolor (205,
                                                       50, 120)},
748:
749:
                                    , rgbcolor (139,
                                                            82)},
          "VioletRed4"
                                                       34,
                                    , rgbcolor (128, 128, 128)},
750:
          "web-gray"
751:
          "web-green"
                                    , rgbcolor ( 0, 128,
                                                             0)},
752:
          "web-grey"
                                    , rgbcolor (128, 128, 128)},
753:
          "web-maroon"
                                    , rgbcolor (128,
                                                       Ο,
                                                             0)},
754:
         {"web-purple"
                                    , rgbcolor (128,
                                                       0, 128)},
```

05/15/19 18:02:11

\$cmps109-wm/Assignments/asg5-oop-opengl/code colors.cppgen

14/14

```
755:
        {"WebGray"
                                   , rgbcolor (128, 128, 128)},
756:
         "WebGreen"
                                   , rgbcolor ( 0, 128,
                                                            0)},
                                   , rgbcolor (128, 128, 128)},
757:
         "WebGrey"
                                   , rgbcolor (128,
758:
         "WebMaroon"
                                                      0,
                                                            0)},
                                   , rgbcolor (128,
759:
         "WebPurple"
                                                       0, 128)},
         "wheat"
                                   , rgbcolor (245, 222, 179)},
760:
761:
         "wheat1"
                                   , rgbcolor (255, 231, 186)},
                                   , rgbcolor (238, 216, 174)},
762:
         "wheat2"
763:
         "wheat3"
                                   , rgbcolor (205, 186, 150)},
                                   , rgbcolor (139, 126, 102)},
764:
         "wheat4"
765:
         "white"
                                   , rgbcolor (255, 255, 255)},
766:
         "white-smoke"
                                   , rgbcolor (245, 245, 245)},
                                   , rgbcolor (245, 245, 245)},
767:
         "WhiteSmoke"
                                   , rgbcolor (190, 190, 190)},
768:
         "x11-gray"
769:
         "x11-green"
                                   , rgbcolor ( 0, 255,
                                                            0)},
                                   , rgbcolor (190, 190, 190)},
770:
         "x11-grey"
771:
         "x11-maroon"
                                   , rgbcolor (176, 48,
                                                           96)},
                                   , rgbcolor (160, 32, 240)},
772:
         "x11-purple"
                                   , rgbcolor (190, 190, 190)},
773:
         "X11Gray"
                                   , rgbcolor ( 0, 255,
774:
         "X11Green"
                                   , rgbcolor (190, 190, 190)},
775:
         "X11Grey"
                                   , rgbcolor (176, 48,
776:
         "X11Maroon"
                                                           96)},
777:
         {"X11Purple"
                                   , rgbcolor (160,
                                                      32, 240)},
                                   , rgbcolor (255, 255,
778:
         "yellow"
                                                            0)},
                                   , rgbcolor (154, 205,
779:
         "yellow-green"
                                                           50)},
                                   , rgbcolor (255, 255,
780:
         "yellow1"
                                                            0)},
         "yellow2"
                                   , rgbcolor (238, 238,
                                                            0)},
781:
                                   , rgbcolor (205, 205,
782:
         "yellow3"
                                                            0)},
        {"yellow4"
                                   , rgbcolor (139, 139,
783:
                                                            0)},
        {"YellowGreen"
                                   , rgbcolor (154, 205,
784:
                                                           50)},
785: };
```