Thy Do

Professor Gowda

AME 220 – M/W:12.15pm

HW02

**Convert to rgb format**

#1fa346: 1f = 1\*16^1+15\*16^0 = 16+15 = 31; a3 = 10\*16^1+3\*16^0 = 160+3 = 163; 46 = 4\*16^1+6\*16^0 = 64+6 = 70; rgb (31, 163, 70)

#a34cb6 a3 = 10\*16^1+3\*16^0 = 160+3 = 163; 4c = 4\*16^1+12\*16^0 = 64+12 = 76; b6 = 11\*16^1+6\*16^0 = 176+6 = 182; rgb (163, 76, 182)

#37feb2 37 = 3\*16^1+7\*16^0 = 48+7 = 55; fe = 15\*16^1+14\*16^0 = 240+14 = 254; b2 = 11\*16^1+2\*16^0 = 176+2 = 178; rgb (55, 254, 178)

#4571ab 45 = 4\*16^1+5\*16^0 = 64+5 = 69; 71 = 7\*16^1+1\*16^0 = 112+1 = 113; ab = 10\*16^1+11\*16^0 = 160+11 = 171; rgb (69, 113, 171)

#715ab4 71 = 7\*16^1+1\*16^0 = 112+1 = 113; 5a = 5\*16^1+10\*16^0 = 80+10 = 90; b4 = 11\*16^1+4\*16^0 = 176+4 = 180; rgb (113, 90, 180)

**Convert to hex format**

rgb(213, 22,2) 213 = 13\*16+5\*1 = d5; 22 = 1\*16+6\*1 = 16; 2 = 0\*16+2\*1 = 02; #d51602

rgb(112,226,52) 112 = 7\*16+0\*1 = 70; 226 = 14\*16+2\*1 = e2; 52 = 3\*16+4\*1 = 34; #70e234

rgb(12,124,41) 12 = 0\*16+12\*1 = 0c; 124 = 7\*16+12\*1 = 7c; 41 = 2\*16+9\*1 = 29; #0c7c29

rgb(223,32,113) 223 = 13\*16+15\*1 = df; 32 = 2\*16+0\*1 = 20; 113 = 7\*16+1\*1 = 71; #df2071

rgba(112,23,124,.4) 112 = 7\*16+0\*1 = 70; 23 = 1\*16+7\*1 = 17; 124 = 7\*16+12\*1 = 7c; #70177c with 40% opacity

**Questions**

5 html tags: html, body, heading, paragraph, image

5 html attributes: href, src, width, height, style