coaster pa09_dynamics Assignment Plan

| | pa09_dynamics | | | | | |
|-------------------------|------------------|---------------|---------------|---------------|--------------------|------------------|
| file name | assgn line #s | copy prev? | tplt lines | soln lines | soln-tplt diffs | lecture order |
| eads_vertex_shader.glsl | 63,82 | pa08 | 118 | 162 | 44 | 1 |
| track.cpp | 75,102,219,237 | pa07 | 385 | 502 | 117 | 2 |
| clock.cpp | | | 26 | 26 | 0 | 3 |
| controller.cpp | | | 614 | 614 | 0 | 4 |
| car.cpp | 73 | pa08 | 125 | 164 | 39 | 5 |
| scene.cpp | 50,142 | pa08 | 201 | 227 | 26 | 6 |
| curve.cpp | 87,171,248 | | 302 | 382 | 80 | 7 |
| basis.cpp | 12,71 | | 89 | 135 | 46 | 8 |
| basis.h | | | 50 | 50 | 0 | |
| bezier_patch.cpp | | pa07 | 14 | 29 | 15 | |
| bezier_patch.h | | | 41 | 41 | 0 | |
| camera.cpp | | | 374 | 374 | 0 | |
| camera.h | | | 108 | 108 | 0 | |
| car.h | | | 61 | 61 | 0 | |
| check_gl.h | | | 97 | 97 | 0 | |
| clock.h | | | 20 | 20 | 0 | |
| color.cpp | | | 12 | 12 | 0 | |
| color.h | | | 149 | 149 | 0 | |
| controller.h | | | 101 | 101 | 0 | |
| coordinate_axes.cpp | | | 56 | 56 | 0 | |
| coordinate_axes.h | | | 36 | 36 | 0 | |
| curve.h | | | 195 | 195 | 0 | |
| framework.cpp | | | 126 | 126 | 0 | |
| framework.h | | | 150 | 150 | 0 | |
| geometrical_object.h | | | 31 | 31 | 0 | |

| geometry.cpp | pa04 | 230 | 238 | 8 | |
|-------------------------------|--------------|-----|-----|-----|--|
| geometry.h | pa04 | 467 | 468 | 1 | |
| ground.cpp | | 130 | 130 | 0 | |
| ground.h | | 32 | 32 | 0 | |
| hedgehog.cpp | | 158 | 158 | 0 | |
| hedgehog.h | | 45 | 45 | 0 | |
| height_field.cpp | | 18 | 18 | 0 | |
| height_field.h | | 31 | 31 | 0 | |
| irregular_mesh.cpp | pa05 pa03 | 232 | 321 | 89 | |
| irregular_mesh.h | | 47 | 47 | 0 | |
| light.cpp | | 31 | 31 | 0 | |
| light.h | | 50 | 50 | 0 | |
| lines.cpp | | 69 | 69 | 0 | |
| lines.h | | 41 | 41 | 0 | |
| main.cpp | | 99 | 99 | 0 | |
| mesh.cpp | | 16 | 16 | 0 | |
| mesh.h | | 65 | 65 | 0 | |
| minmax.h | | 16 | 16 | 0 | |
| n_elem.h | | 19 | 19 | 0 | |
| obj_io.cpp | | 425 | 425 | 0 | |
| obj_io.h | | 15 | 15 | 0 | |
| passthru_fragment_shader.gls1 | | 9 | 9 | 0 | |
| poly_line.cpp | | 75 | 75 | 0 | |
| poly_line.h | | 61 | 61 | 0 | |
| regular_mesh.cpp | pa06 | 210 | 310 | 100 | |
| regular_mesh.h | pa06 | 87 | 87 | 0 | |
| render_stats.cpp | | 150 | 150 | 0 | |
| render_stats.h | | 65 | 65 | 0 | |

| scene.h | | 91 | 91 | 0 | |
|----------------------------------|----------------------|------|-------|-----|-----|
| | | | | | |
| scene_object.cpp | | 60 | 60 | 0 | |
| scene_object.h | | 58 | 58 | 0 | |
| shader_programs.cpp | pa05 pa06 pa02 | 560 | 619 | 59 | |
| shader_programs.h | | 183 | 183 | 0 | |
| surface.cpp | pa07 | 33 | 52 | 19 | |
| surface.h | | 53 | 53 | 0 | |
| teapot.cpp | | 55 | 55 | 0 | |
| teapot.h | | 41 | 41 | 0 | |
| teapot_cvs.cpp | | 841 | 841 | 0 | |
| teapot_cvs.h | | 9 | 9 | 0 | |
| tessellation.h | | 27 | 27 | 0 | |
| track.h | | 137 | 137 | 0 | |
| transform.cpp | | 188 | 188 | 0 | |
| transform.h | | 88 | 88 | 0 | |
| tube.cpp | pa08 | 32 | 39 | 7 | |
| tube.h | | 44 | 44 | 0 | |
| uniform_color_vertex_shader.gls1 | | 25 | 25 | 0 | |
| vec.cpp | | 43 | 43 | 0 | |
| vec.h | | 127 | 127 | 0 | |
| view.cpp | | 240 | 240 | 0 | |
| view.h | | 67 | 67 | 0 | |
| work_arounds.h | | 76 | 76 | 0 | |
| wrap_cmath_inclusion.h | | 29 | 29 | 0 | |
| wrap_gl_inclusion.h | | 34 | 34 | 0 | |
| wrap_glut_inclusion.h | | 25 | 25 | 0 | |
| summary | | 9540 | 10190 | 650 | #=0 |

Key

| assgn line #s | There are assignments on these lines. |
|--------------------|--|
| copy prev? | The assignment requires you to copy your solution from these previous assignments. |
| tplt lines | There are this many lines in the template. |
| soln lines | There are this many lines in the solution. |
| soln-tplt diffs | There are this many more lines in the solution than in the template. This is roughly the number of lines you need to add to complete the assignment. |
| lecture order | This is the recommended order for presenting (or completing) this assignment. |