

Copy Constructors & Destructors

CS 165 – Object Oriented Software Development

Macbeth – Lesson 13.2

Agenda

- Opening Prayer
- Spiritual Thought
- Looking Forward
- Team Activity

Spiritual Thought

Scatter Your Crumbs

by Alfred Crowquill (quoted by President Uchtdorf)

Amidst the freezing sleet and snow
The timid robin comes;
In pity drive him not away,
But scatter out your crumbs.

And leave your door upon the latch
For whosoever comes;
The poorer they, more welcome give,
And scatter out your crumbs

All have to spare, none are too poor,
When want with winter comes;
The loaf is never all your own,
Then scatter out the crumbs.

Soon winter falls upon your life,
The day of reckoning comes;
Against your sins, by high decree,
Are weighed those scattered crumbs.

Asteroids Minimum Requirements

- To obtain an "A" on the Asteroid Project, you must meet the following minimum requirements:
 - The game starts with 5 large asteroids placed randomly on the board
 - Ship thrusts forward with up arrow and will rotate with left and right arrows.
 - Bullets are fired based on the direction of the ship and die after 40 frames.
 - Large rocks and Medium Rocks split (with correct angle and speed) per the project description. Small rocks do not split.
 - All objects wrap around the screen.
 - Descriptive comments added before each function (if implemented inline in the .h file, the comments need to be added there as well).
- To obtain bonus points, you must:
 - Meet all requirements above (including comments) – if not met, then no bonus points will be given.
 - Add additional functionality to the game.
 - Summary of additional functionality must be provided in the makefile comments

Looking Forward

- Last Day to Submit Any Missed Work is Wed, Dec 13th
- Final Exam – Wed, Dec 13th during class (we will practice on Monday)
- Final Asteroids Project – End of the day Wed, Dec 13th