Week eight Help

Sets - Groups of sprites

- Sets are unordered collections of unique objects. The initializer for Python sets is the function set().
- Items can be added to and removed from a set using the methods add() and remove(), respectively.
- The item membership test for a set uses the keyword in .
- The methods difference() and difference_update() remove a set of items from a set and returns a new set or a mutated versions of the original set, respectively.
- Lecture examples Sets, Set differences
- More examples Set Structure

Animation — Sprite animation

- An animated sprite is drawn by striding the center of the source rectangle in draw_image through the animated sprite's associated tiled image.
- This stride is typically controlled by the sprite's age and size.
- This sprite's lifespan is used to terminate the animation.
- For the Spaceship and Asteroids mini-projects, the stride is always horizontal from left to right.
- Lecture examples Asteroid animation, Explosion animation
- More examples Running Bunny

Other Examples - Balloon Pop (collisions), Project Template

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