Event: Key press up

MOVE UP TASK

Wait for next event…

Wait for next event…

Move up

Is bird at top of screen?

Event: Key press down

MOVE DOWN TASK

Wait for next event…

Wait for next event…

Move down

Is bird at bottom of screen?

COLLISION CHECK TASK

Are bird and asteroid collision boxes overlapping?

Wait for next event…

Display dead bird

Do nothing

Did asteroid reach the left-most of the screen?

Move asteroid horizontally left

Init asteroid at right of screen at random height

ASTEROID MOVE TASK

Display game over