

Design: The Playable Character- Complete

These are the full body designs of the playable character, complete with the pseudocodes that will make it move:

Name: Player

Class: Animated Object

States: Walking, Idle, Jumping, Interacting, talking, controls, Win (transferable states will be skipped for this object).

Can transfer states: Yes (can hold multiple states)

Starting state: Idle

Algorithm(s):

Movement:

While: {Idle}; animation: Idle.

If left key is pressed: enter {walking},

While: {left}; animation: walking,

Move object [player] -1 spaces.

If right key is pressed: enter {walking},

While: {right}; animation: walking,

Move object [player] +1 spaces.

If up key is pressed: enter {jumping},

While: {jumping}; animation: jumping,

Move object [player] +^3 spaces.

Interaction:

While: {Idle}; animation: Idle.

If space key is pressed: enter {interacting},

While: {interacting}; animation: interacting,

Wait 3 seconds,

Enter {Idle}.

If any object is in range, will trigger interaction branching rules.

Tutorial:

Game start.

Enter {control},

While: {control}; animation: control.

While: {control},

Wait 15 seconds,

Enter {Idle}.

Win:

If [Neutral area]: {Win},

Enter {Win},

While: {Win}; animation: Win.

If [Player]: {Win},

Mimic {[none]}





