Comp 557 a1

Name: Elias Al Homsi

Email: [elias.alhomsi@hotmail.com](mailto:elias.alhomsi@hotmail.com)

ID: 260797449

# Items included in the project:

1. The pose images
2. Two different animation videos for walking and skydiving with their stills.
3. The saved animation of skydiving as a javabin file.
4. The source code inside the test folder

# Documentation about the structure:

1. Every geom object inside the xml file must have rotation,scale,center and color specified. Missing any of these would result in an exception
2. The parameters of a joint are optional depending on the type of joint. For example: A hinge joint would have its center optional (defaults to zero^3) However, the axis of rotation is not optional.
3. DecimalParameter3 is a helper class that makes the Decimal parameter vectorwise.
4. Two base class for GeomNodes and JointNodes were added to facilitate the code.

Note: You may want to play videos at x2 speed.

Thank you for your time and consideration,

Sincerely,

Elias