

# COSC 251 – Lab 5

## We're the Knights of the Round Table

Purpose: To start using the OO functionality of Python

Task: In the movie *Monty Python and the Holy Grail*, King Arthur encounters the ominous Black Knight. Here's how the scene goes:

BLACK KNIGHT:

None shall pass.

ARTHUR:

What?

BLACK KNIGHT:

None shall pass.

ARTHUR:

I have no quarrel with you, good Sir Knight, but I must cross this bridge.

BLACK KNIGHT:

Then you shall die.

ARTHUR:

I command you, as King of the Britons, to stand aside!

BLACK KNIGHT:

I move for no man.

ARTHUR:

So be it!

ARTHUR and BLACK KNIGHT:

Aaah!, hiyaah!, etc.

[ARTHUR chops the BLACK KNIGHT's left arm off]

And this continues until Arthur has chopped off both of the Black Knight's arms and both of his legs. Your task is to create a Black Knight class that is comprised of objects from classes Leg, Arm and Torso. After doing so, program a simple driver that will allow a user to chop off various parts of the Black Knight and appropriate messages (from the movie) returned. Keep in mind that each body part should be a class, so it should have functionalities and attributes associated with that body part.

As a reference: <http://www.mwscomp.com/movies/grail/grail-04.htm>

This is where I found the script above.

DUE: Monday, March 3d before the start of class.

Deliverables: Any source code you create.