**CS2750 System programming and Tools Fall 2018**

**KEY TO** **QUIZ #9 [6 points]**

---------------------------------------------------------------------------------------------------

1. [3 points] Write a definition of a macro named MULT3 that takes three parameters and will be later replaced with their product.

*Answer:*

#define MULT3(x, y, z) ((x)\*(y)\*(z))

1. [1 point] (a) Write a command that will create an object file from a source C file quest.c.

*Answer:*

gcc -c quest.c

1. What is the name of this object file?

*Answer:*

quest.o

1. [2 points] Write a command that will create an executable file DMA by linking together object files dma1.o, dma2.o and dma3.o.

*Answer:*

gcc -o DMA dma1.o dma2.o dma3.o

or: gcc dma1.o dma2.o dma3.o -o DMA