Executable File Header			
	Text Size	400	# total combined text size
i i	Data Size	80	# total combined data size
	Address		7
Text Segment	QQQQQ <sub>16</sub> (the memory address for Procedure A's lw instruction)	lw \$a0, <b>X</b> (\$gp) X = <u><b>8 QQQ</b><sub>16</sub></u>	# where X is the offset relative to the global pointer register to get to X in the data segment
	QQYQQQQY <sub>16</sub> (the memory address for Procedure A's jal instruction)	jal <b>B</b> 0040 0300 <sub>16</sub>	# where B is the (pseudo-direct) address of Procedure A in the text segment
	0040 0300 <sub>16</sub> (the memory address for Procedure B's lw instruction)	lw \$a1, <b>Y</b> (\$gp) Y = <b>2</b> <u>0</u> <u>6</u> <u>0</u> <sub>16</sub>	# where Y is the offset relative to the global pointer register to get to Y in the data segment
	0040 0304 <sub>16</sub> (the memory address for Procedure A's jal instruction)	jal <b>A Q 04 D</b> 00000 <sub>16</sub>	# where A is the (pseudo-direct) address of Procedure B in the text segment
	···		
Data Segment	Address		
	<u> 1 000 0000</u> 16	Х	# the location of X in the data section
	<u> 1000 0060</u> 16	Y	# the location of Y in the data section

A

B