CS 361 HW1 Questionnaire

Please answer the following questions, and fill out the table shown below:

1. What is your name, ACCC ID, and the first digit of your UIN ? Bresia Prudente, bprude2, 7
2. What were your data types for <type1>, <type2>, <type3>, <type4>? Char, float, float, double

	mainC.o	Func2C.o	mainC	mainCPP.o	Func2CPP.o	myclass.o	mainCP P
Type of file	Object: relocatable	Object: relocatable	Object: executable				
Entry point address	0x0	0x0	0x400490				
Start of section headers	5288 (bytes into file)	2880 (bytes into file)	15632 (bytes into file)				
Section numbers for .text, .data, .bss	1, 3, 5	1, 3, 5	13, 24, 25				
Size (decimal) for .text, .data, .bss	2486, 2000, 8	1398, 1000, 0	2850, 2032, 16				
Total sizes of items in .text, .data, .bss	4494	2398	4898				
Section number, size, and offset for each of the items listed below.							

Use C, U, A for COMMON, UNDEFINED, AND ABSOLUTE, or NA if Not Applicable							
mainC[PP]Global	3, 1 byte, 0000000000000140	NA	24, 1 byte, 00000000006021a0				
mainC[PP]StaticGlobal	3, 4 bytes, 00000000000001a0	NA	24, 4 bytes, 0000000000602200				
mainC[PP]InitGlobal	3, 1 byte, 0000000000000170	NA	24, 1 byte, 00000000006021d0				
mainC[PP]StaticInitGlobal	3, 4 bytes, 0000000000000204	NA	.data, 4 bytes, 0000000000602264				
mainC[PP]StaticLocalPtr	NA	NA	NA				
mainC[PP]StaticLocalArray	NA	NA	NA				
mainC[PP]Local	NA	NA	NA				
mainC[PP]InitLocal	NA	NA	NA				
func2CHello	3, 6 bytes, 00000000000000	3, 6 bytes, 00000000000000	24, 6 bytes, 00000000006020				

	00	00	60				
func2CWorld	3, 8 bytes, 0000000000000008	3, 8 bytes, 0000000000000008	24, 8 bytes, 0000000000602068				
mainGlobalObj	NA	NA	NA				
methodStaticLocal	NA	NA	NA				
staticMethodStaticInitLocal	NA	NA	NA				
myclassStaticClass	NA	NA	NA				
myclassStaticInitClass	NA	NA	NA				
myClassHello	NA	NA	NA				
Main	1, 421 bytes, 0000000000000811	NA	13, 421 bytes, 0000000000400d8e				
func1C[PP]	1, 667 bytes, 0000000000000576	NA	13, 667 bytes, 0000000000400af3				
func2C[PP]	1, 737 bytes, 0000000000000295	1, 737 bytes, 0000000000000295	13, 737 bytes, 0000000000400812				
func3C[PP]	1, 661 bytes, 0000000000000000	1, 661 bytes, 0000000000000000	13, 661 bytes, 000000000040057d				

MyClass::method	NA	NA	NA				
MyClass::staticMethod	NA	NA	NA				
printf	UNDEFINED, 0 byte, 0000000000000000	UNDEFINED, 0, 0000000000000000	UNDEFINED, 0 byte, 0000000000000000				
__start	NA	NA	13, 0 byte, 0000000000400490				
__end	NA	NA	25, 0 byte, 0000000000602840				
__data_start	NA	NA	24, 0 byte, 0000000000602040				
__bss_start	NA	NA	.bss, 0 byte, 0000000000602830				

1. What do you think about readelf versus objdump? Which do you prefer, and why?

   Both readelf and objdump appear to be similar in displaying contents. I prefer readelf because it displays more information than objdump.

2. Which readelf flags did you find most useful? Which objdump flags?

   For readelf, I found that "-a" flag was useful for viewing the entire information needed. For objdump, I found the flags "-h", "-t", and "-x" useful.