1. The following files will be created in our software development folder, along with the binary top, when we run "make" at 11:15am:

x.o

y.o

z.o

1. Since "y.h" will have a newer timestamp than its dependent "y.o", the "y.o" file will be regenerated. No other files will be regenerated.
2. "x.h" is not mentioned in the makefile. However, if the changes in "x.h" mean that "x.c" needs to be recompiled, then "x.o" (which is dependent on "x.c") will need to be regenerated because "x.c" changed.
3. Most likely, the changes made to "x.h" resulted in the crash, since we made no changes to other files in any of the previous steps. Redefining the fields in a struct and/or creating a new struct may have created incompatibility with the code in "x.c".
4. Running "make clean" removed all ".c", ".h", and ".o" files, which means that the makefile has no targets for compilation. It cannot generate ".o" files based upon ".c" and ".h" files which no longer exist.