

Homework 2

Solution Key

Problem 2.1

Consider the following mysterious C code Answer the following:

- a. Compiling this code gives the following warning ... Explain what this message means and how to make it go away.

It means `fun2` is used before it is declared. One way to get it to go away would be to rearrange the functions so that `fun2` is defined before `fun1`; alternatively, you could add a prototype

```
void fun2 (int* s, int **t);
```

to the top of the file.

- b. Draw a memory diagram showing the contents of each variable (using arrows for pointers as in class) immediately before `fun2` returns....

