Build the programs in make using

```
make              // to make all of the programs
make program1  // to make program1
make program2  // to make program2
make program3  // to make program3
```

NOTE: in order for this to work, all files must be in the same directory as the Makefile

The designs for progam1 and program2 are similar and fairly straightforward, just using a malloc'd array of bits in order to store students/products and whether they are present/in stock. Program3 is fairly broken, as it does not compile. However I think the theory behind the implementation is sound -  I just wasn't able to fix the pointer errors and get it to compile.