

## FORTRAN Program 3

Due Thursday September 19, 2013

### The Cash Register Program

This is a group program.

Write a FORTRAN program which will include a while loop, a case statement, and arrays which will model a fast food restaurant cash register.

The program will continually prompt the user with a menu of meal packages and necessary control selections.

As the user enters meal selections the program will keep track of how many of each meal has been ordered along with the sub total for each category.

The program needs to handle the event an order was incorrectly entered or the customer changes their mind.

When the order is finished, the program will print out the receipt which includes the number of each meal that was ordered and the sub total for each meal.

The sub total for the entire order will then be printed followed by the tax and total for the order.

The program will then accept and print the cash tendered and change due.

The program will then return to the beginning of a new order until the menu option of EXIT is selected.

The program needs to handle situations that may arise with a fast food cash register program.

Name the program GxP2.FOR where x is the group number.

Turn the program in, as an ASCII file, on a 3.5" DOS formatted diskette, on a closed CD, on a thumb drive, or e-mail the program, as an attachment, to me. Include your name, class, and program name on the device or e-mail subject.