**ALGORITHM**

Declare variables

Display intro screen

Begin loop

Meat Selection appears

Print on screen asking for which meat they would like

Conditional loop used inside if statement so that customers get the correct meat choices according to their salad size choice//

If the salad size = 1

{

User gets one meat choice

}

else

for loop

{

User gets two meat choices

}

SALAD SELECTION appears

Print on screen asking for which salad they would like

If statement used to make sure the correct quantity of salad choices is given

If the salad size =1

loop

{

User gets two salad options

}

else if salad size =2

for loop

{

User gets two salad options

}

else

for (int i = 0; i < 6; i++)

{

User gets six salad options

}

SAUCE Selection Appears

Print on screen asking for which sauce they would like

If statement used to find correct bill for user

if the salad size = 1

print screen "Your salad has come to £2, enjoy!"

}

else if salad size = 2

{

Print screen "Your salad has come to £4, enjoy!"

}

else if salad size == 3

{

Print screen "Your salad has come to £4.75, enjoy!"

}

**Program ends**

}

Switch used inside a Method to select which meat you want

switch (meatChoice)

{

case 1:

You have chosen the Grilled Chicken

case 2:

You have chosen the Breaded Chicken

case 3:

You have chosen the Ham

case 4:

You have chosen the Peperoni

case 5:

You have chosen the Turkey

case 6:

You have chosen the Steak

case 7:

You have chosen the Tuna

case 8:

You have chosen the Chicken Supreme

case 9:

You have chosen the Taco Chicken

case 10:

You have chosen the Chicken Tikka

If entry is none of those error message will appear below

Invalid meat option selected!

Method to select which salad you want

Switch Statement used

case 1:

System.out.print users choice

case 2:

System.out.print users choice

case 3:

System.out.print users choice

case 4:

System.out.print users choice

case 5:

System.out.print users choice

case 6:

System.out.print users choice

case 7:

System.out.print users choice

case 8:

System.out.print("\nYou have chosen the Pickles ");

break;

case 9:

System.out.print users choice

case 10:

System.out.print users choice

case 11:

System.out.print users choice

case 12:

System.out.print users choice

case 13:

System.out.print users choice

If customer does not enter number from 1-13 an error message will appear

Invalid salad option selected!

Method to select which sauce you want

Switch Statement used inside the method, so that customers can choose what sauce option

case 1:

print screen = You have chosen Mayo as your sauce");

break;

case 2:

print screen = You have chosen Taco as your sauce");

break;

case 3:

print screen = You have chosen BBQ as your sauce");

break;

case 4:

print screen = You have chosen Ketchup as your sauce");

break;

case 5:

print screen = You have chosen HP Brownsauce as your sauce

break;