\*WRITE IN PLAIN ENGLISH WHILE WRITING PSEUDOCODE

Restaurant Calculation

The restaurant sales tax and the tip percentage will be declared as constants.

“Set TAX\_RATE to 0.0625”

“Set TIP\_PERCENT to 0.2 “

Next, we will want to prompt the user for what their total bill is:

“Prompt for bill amount”

Or

“Ask for bill amount”

“read billAmount from keyboard”

It’s a good idea to specify where the input is from: keyboard

“Set taxAmount to billAmount \* TAX\_RATE”

We could have made an intermediate step where we added taxAmount + billAmount

“Set tipAmount to TIP\_PERCENT \* ( billAmount + taxAmount)”

“Set total to billAmount + taxAmount + tipAmount”

“Print billAmount, taxAmount, tipAmount, and total w/ labels”

- Importing an entire package is considered bad practice.

- Standard output: Printing to the screen by default, displaying for the user

Scanner input = new Scanner( );

Int num = input.nextInt ( );

There is not a nextChar( ); method for printing an input of a char variable.

next( ); methods are used in the line of code we will use during the read billAmount portion of our pseudocode in the example above.

next( ); will skip over any whitespace and print the first String or first word in a String.

nextLine( ); wiil print the entire String of input until the end of the line