Java Coding Styles:

- Classes: CapitalLetters
- Variables: lowerCaseLetters
- Instance variables (class-level data) should be marked private
 - o Local variables must be initialized before use
- Equality
 - == checks for equality of int, Boolean, or char, but nothing else
 - .equals() method for objects
 - if(input.equalsIgnoreCase("Kendra"){ System.out.println("Correct!"); }
 - Double must be approximately equal
 - Math.abs(v1 v2) <= tolerance</p>
- If statements
 - o If (condition) { //statement }
 - If (age>18){System.out.println("You can vote!");
- Loops
 - While Loops
 - while (condition) { //do stuff }
 - while (answer.equalsIgnoreCase("Y")){System.out.println("Looping is fun");
 - Do-While
 - do { //stuff} while (condition);do {

printMenu(); choice = scanner.nextInt();

doAction(choice);

} while (choice != QUIT_OPTION);

for loops

```
public void printLoop() {
for (int x = 2; x <= 10; x++) {
  for (int i = 1; i <= 10; i ++) {
      System.out.print(i * x + "\t");}
      System.out.println()}}</pre>
```

- Methods
 - Public void methodName() { // stuff in here };
- Conditionals
 - 0 && = and , || = or, ! = not
- Switch
 - switch (num) { case 4: System.out.println("A"); break; case 3: System.out.println("B"); break;
- Scanner (make scanner object: Scanner myScanner = new Scanner(System.in);)