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# **It111:** Our Zip Code

### **During our Week 9 Recording - Our Person File, a variable for our zip code is created as a STRING.**

Questions:

The end user's zip code will provide us with the geographical (state) location - whether the end user is from California, Oregon, or Washington.  A few variables are created, as well a new method is used.

* How was this achieved?  Please explain the steps and the logic
* The code

**Answer:**

Note: Our method for states/zipcodes/Strings/ changing our String to an integer!

This means we are taking the value of Zip2 which would be 9 & 0 or 9 & 6 if we talk about California only for example then which is a string and changing it into an integer and assigning it to city code.

Creating a method int

Public int identifysRegion(int states){

String zip2;

Zip2 = zipCode.substings( 0, 2);

}

This means: We have a new variable that is a String and is called Zip2.

Again that means we have zip2 but we have assigned ZipCode and using the Substring method of counting. What it means is that when the end user types zipCode, that is a String what we want to see happen is we need to see the first two numbers taken out of the ZipCode and assigned to Zip2. Why because in our example California ZipCode will be 90 - 96 only the first two numbers, Origon 97 and Seattle 98 and 99.

  How we should take a string which is its zip code, use the Substring method to show and how we should take a part of that string, so only assign the first two numbers of our zip code, it is a string so, we are creating a new variable , and this new variable is by typing integer

Creating a method int

Public int identifysRegion(int states){

String zip2;

Zip2 = zipCode.substring( 0, 2);

cityCode = Integer.parseInt(zip2);

So what we need to say

If (citycode >= 90 && citycode < 97) {

system.out.println("You entered " +zipcode+ " and you are from California");

} else If (citycode >= 97 && citycode < 98) {

system.out.println("You entered " +zipcode+ " and you are from Origon");

} else If (citycode >= 98 && citycode < 99) {

system.out.println("You entered " +zipcode+ " and you are from Washington);

} else {

System.out.println(" You are not from the PNW, please contact our National Office");

}

return states;

}

}