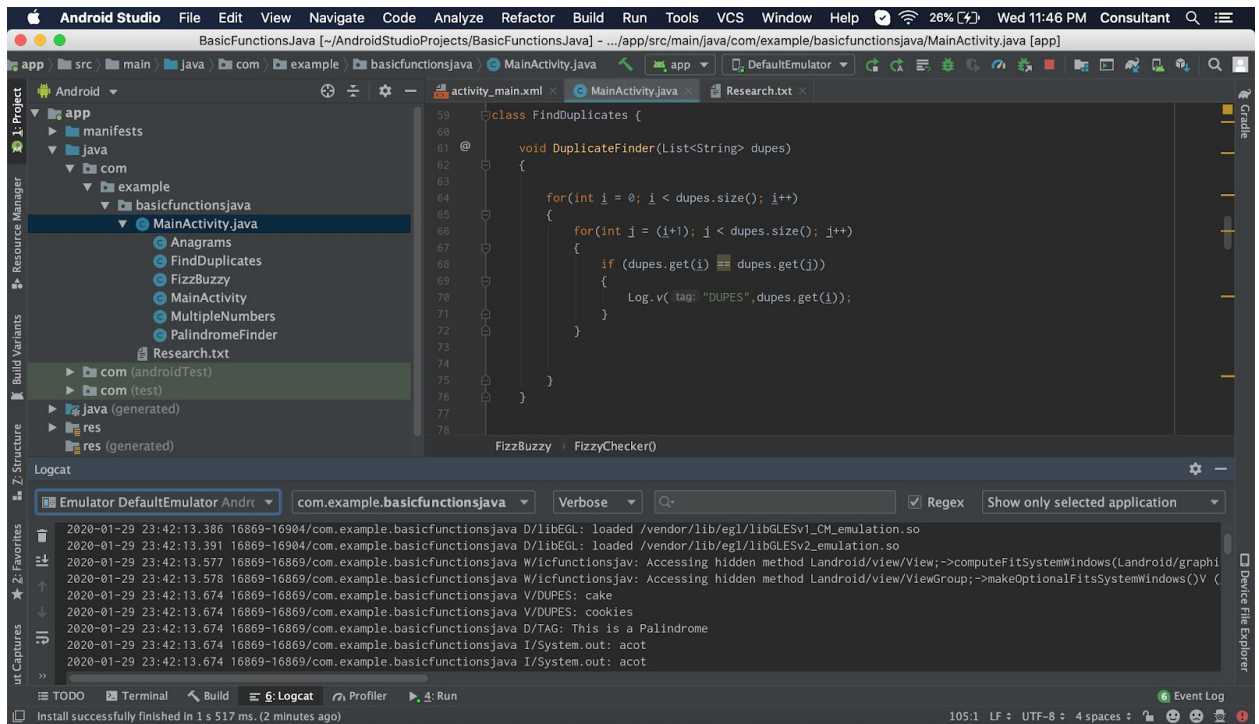


1. Duplicates

Create a function to print the duplicates in a list of strings

```
public void findDuplicates(List<String> strings){};
```

All this is doing is comparing the array to itself and logging the duplicates.

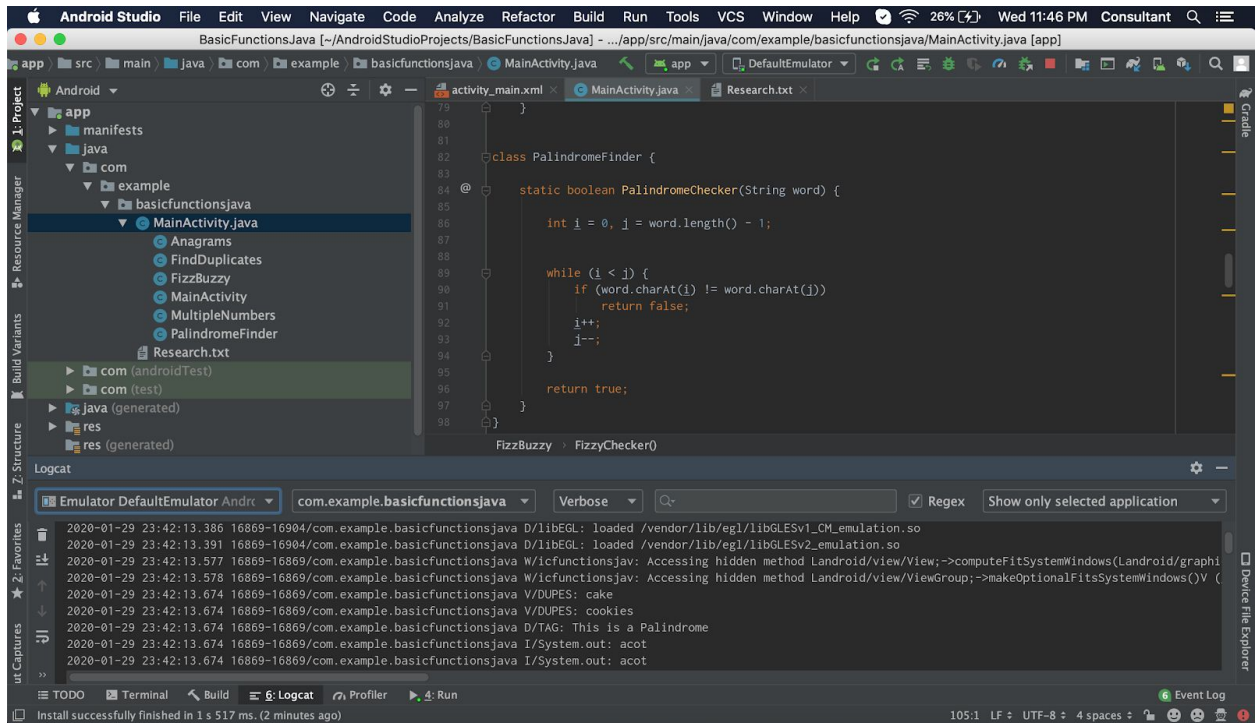


2. Palindromes

Create function to check if the string is a palindrome without using `string.reverse()` method

```
public boolean checkPalindrome(String word){};
```

It checks the value of the characters on each side of the string and compares them to each other. If it doesn't match, it will return false.



3. FizzBuzz

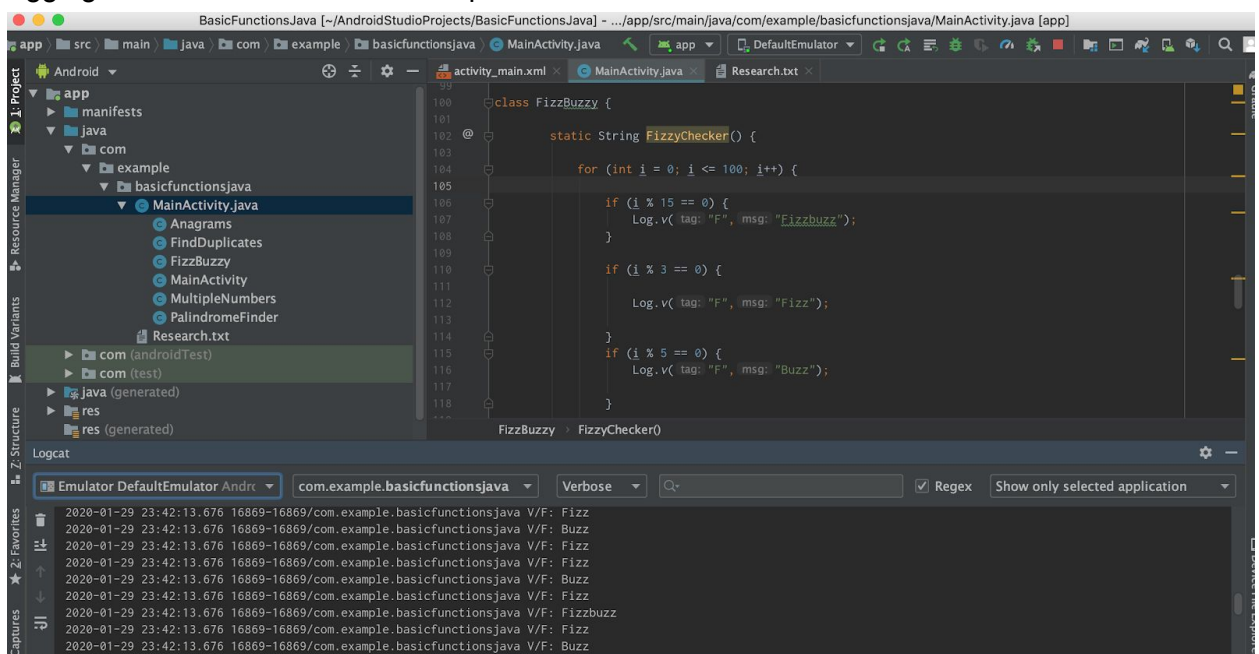
Create a function that will print:

"fizz" is the number is divisible by 3

"buzz" is the number is divisible by 5

"fizzbuzz" is the number is divisible by both

If its divisible by 15 (Therefore always divisible by 5 and 3) it will log fizzbuzz, while only logging fizz or buzz for the other respective terms.

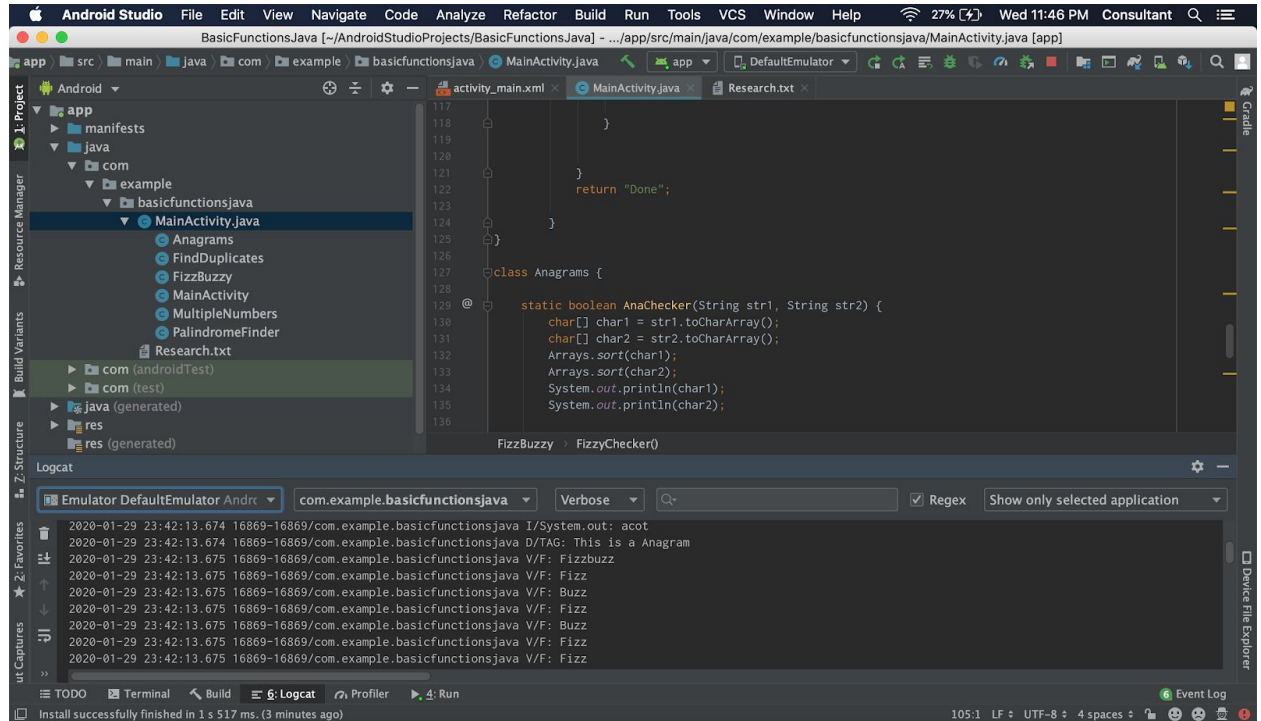


4. Anagrams

Create a function to check if the two strings are Anagrams: Eg COAT and TACO would be anagrams

```
public boolean checkAnagrams(String word1, String word2){};
```

This func takes two strings, puts them in a character array, sorts those characters and then sees if all the contents are the same, determining if its an anagram.



5. Multiplication Table

Print a multiplication table from 1 to 10 using multidimensional array

Output

```
1 2 3 4 5 6 7 8 9 10
```

```
2 4 6 8 10 12 14 16 18 20
```

...

```
public void printTables(){};
```

This func takes a multidimensional array and goes through 2 interacting loops to populate the lists. Formatting is done primitively using the print methods.

