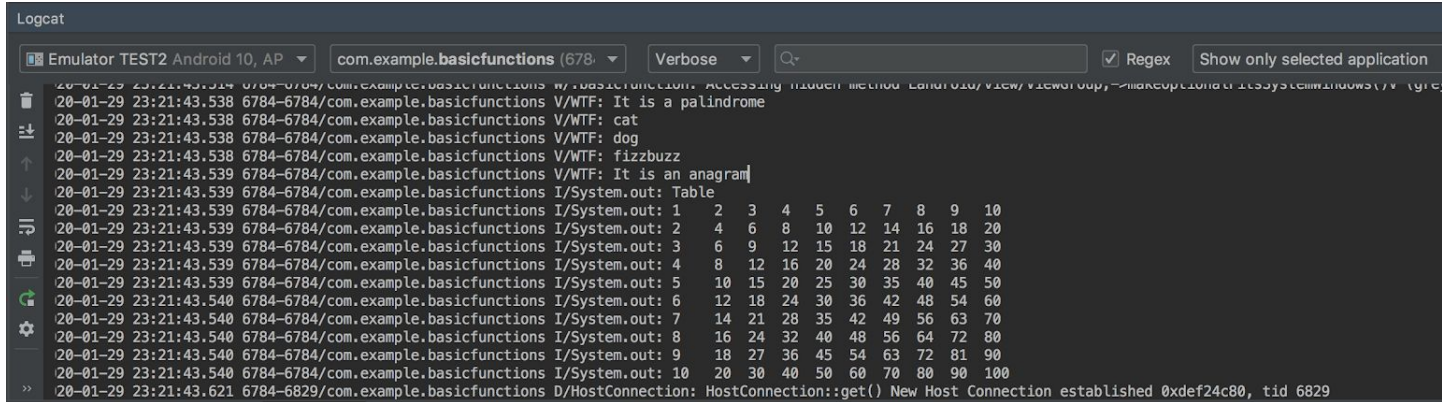


1. For finding duplicates in a list I had a double for loop parsing through the list comparing each word in the list to see if they are the same. If they are then I print out the name.
2. For finding if the word is a palindrome I convert the string into a character array. I iterate closer to the center to the array, starting from the first and last indexes, checking if each character is the same. If it is not the same then I return false. If it goes through the loop then I return true and state its a palindrome.
3. For fizzbuzz I take in a number and first check if it is divisible by 3. If it is then I will check if it is divisible by 5. If it is both then I print out "fizzbuzz". If it is only divisible by 3 then I print out "fizz". If it is not divisible by 3 then I check if it is divisible by 5. If it is then I print out "buzz". If it is not divisible by either than nothing is printed out.
4. For checking if two words are anagrams I first take both strings and convert them to character arrays. I then sort the character arrays and iterate through both character arrays to make sure that both arrays are the same.
5. To print out the multiplication table I fill a multidimensional array with two for loops having the first coordinate array multiplying by the second coordinate array. I then use a single loop to pass through the multidimensional array putting in a new line at the end of the first coordinate array.



```
List<String> list = new ArrayList<>();
list.add("cat");
list.add("dog");
list.add("cat");
list.add("mouse");
list.add("dog");

String word = "racecar";
Palindrome pal = new Palindrome();
if(pal.checkPalindrome(word))
{
    Log.v( tag: "WTF", msg: "It is a palindrome");
}
else
{
    Log.v( tag: "WTF", msg: "It is not a palindrome");
}

Duplicates duplicate = new Duplicates();
duplicate.findDuplicates(list);

FizzBuzz fizzBuzz = new FizzBuzz();
fizzBuzz.printFizzBuzz( number: 15);

Anagrams anagram = new Anagrams();
if(anagram.checkAnagram("coat", "taco"))
{
    Log.v( tag: "WTF", msg: "It is an anagram");
}
else
{
    Log.v( tag: "WTF", msg: "It is not an anagram");
}

Tables table = new Tables();
table.printTable();
```