Mini-practice

Name: (key) 9/29/22

1. Write code to print "fun" using .substring() and the variable str that contains "refundable".

```
           012345
String str = "refundable";
```

System.out.println(str.substring(2,5));

2. What is output by the following code?

```
String str = "refundable";
System.out.println(str.indexOf("e"));     1
```

3. Write code to print a random integer from 3 to 9 inclusive:

System.out.println((int)(Math.random()*7)+3);

4. Write code to print the last character of whatever the user enters:

```
Scanner scan = new Scanner(System.in);
String str = scan.nextLine();
```

System.out.println(str.substring(str.length()-1));
                                            ↑
        Note:(you only need one value here because we're starting with
               the last character + going to the end, which is that character.)

5. Write a compound if statement using && that checks if str is equal to "yes" and that x is an even number and prints "yes" if that is true (and does nothing if not).

```
Scanner scan = new Scanner(System.in);
String str = scan.nextLine();
int num = scan.nextInt();
if(str.equals("yes") && x%02==0)
     System.out.println("yes");
```

6. Write code that uses a for loop to check each character of str and prints how many times the letter "e" shows up.

```
Scanner scan = new Scanner(System.in);
String str = scan.nextLine();
int count = 0;
for (int i=0; i< str.length(); i++)
    {
    if(str.substring(i,i+1).equals("e"))
        count++;
    }
System.out.println(count);
```