src\Recurse.java

```java
public class Recurse {
    public static void main(String[] args) {
        System.out.println(palindrome("racecar"));
    }

    public static double nthPower(double x, int n) {
        if (n == 0) {
            return 1;
        } else {
            double nth = nthPower(x, n - 1);
            double result = nth * x;
            return result;
        }
    }

    public static int remainder(int a, int b) {

        if (a == b) {
            return 0;
        } else if (a < b) {
            return a;
        } else {
            int newNum = remainder(a - b, b);

            return newNum;
        }
    }

    public static boolean palindrome(String isPal){
        if (isPal.length() == 1 || isPal.length() == 0){
            return true;
        }
        else if (isPal.charAt(0) == isPal.charAt(isPal.length()-1)){
        return palindrome(isPal.substring(1,isPal.length()- 1));
        }
        return false;
    }
}
```