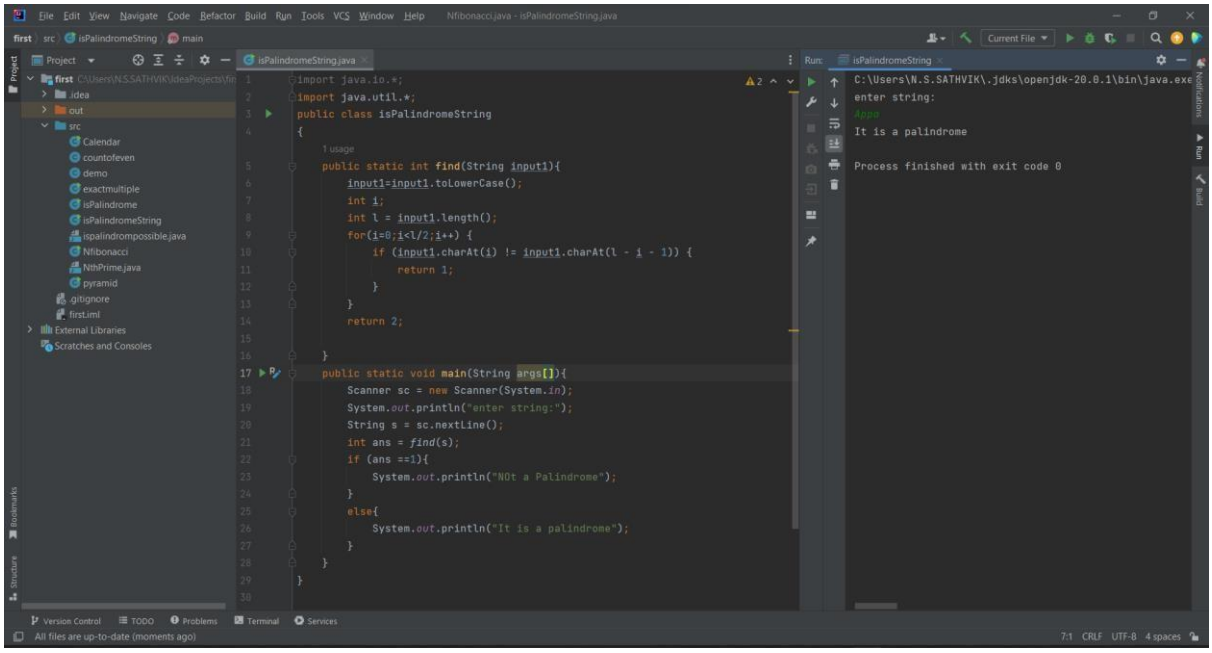
DAY 7 REPORT

1.isPalindrome(String)



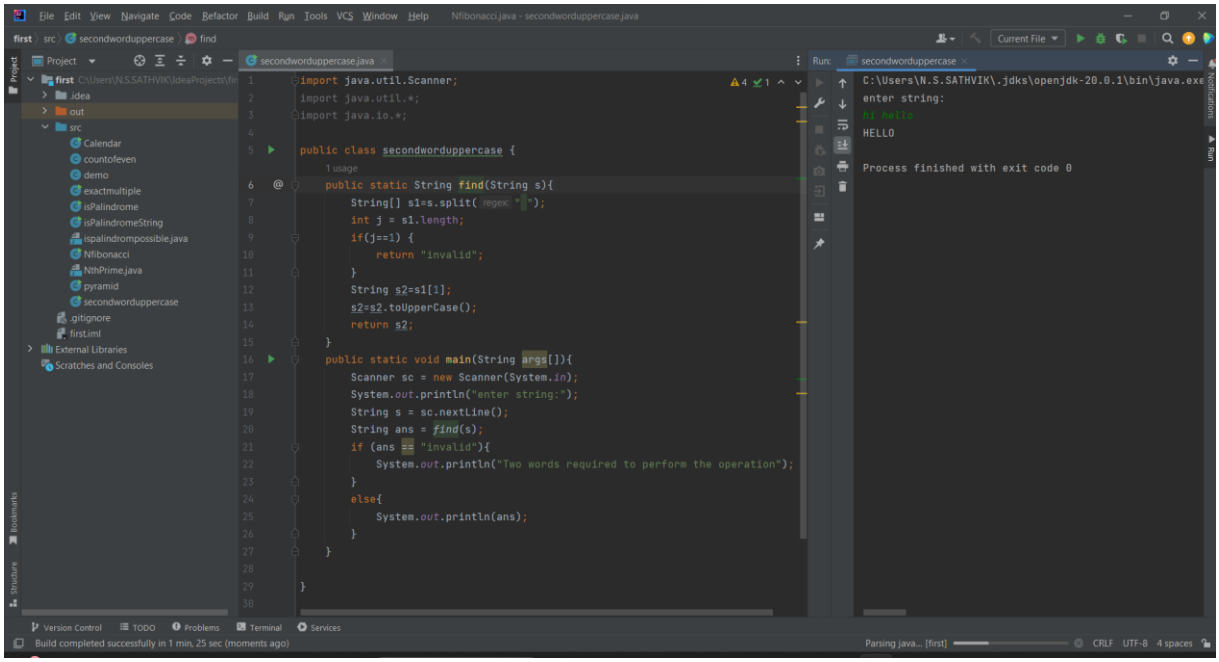
```
import java.io.*;
import java.util.*;
public class isPalindromeString
{
    1 usage
    public static int find(String input1){
        input1=input1.toLowerCase();
        int i;
        int l = input1.length();
        for(i=0;i<l/2;i++) {
            if (input1.charAt(i) != input1.charAt(l - i - 1)) {
                return 1;
            }
        }
        return 2;

    }
    public static void main(String args[]){
        Scanner sc = new Scanner(System.in);
        System.out.println("enter string:");
        String s = sc.nextLine();
        int ans = find(s);
        if (ans ==1){
            System.out.println("NOt a Palindrome");
        }
        else{
            System.out.println("It is a palindrome");
        }
    }
}
```

```
C:\Users\N.S.SATHVIK\.jdks\openjdk-20.0.1\bin\java.exe
enter string:
Appa
It is a palindrome

Process finished with exit code 0
```

2.Secondword uppercase



```
import java.util.Scanner;
import java.util.*;
import java.io.*;

public class secondworduppercase {
    1 usage
    public static String find(String s){
        String[] s1=s.split( regex: " ");
        int j = s1.length;
        if(j==1) {
            return "invalid";
        }
        String s2=s1[1];
        s2=s2.toUpperCase();
        return s2;
    }
    public static void main(String args[]){
        Scanner sc = new Scanner(System.in);
        System.out.println("enter string:");
        String s = sc.nextLine();
        String ans = find(s);
        if (ans == "invalid"){
            System.out.println("Two words required to perform the operation");
        }
        else{
            System.out.println(ans);
        }
    }

}
```

```
C:\Users\N.S.SATHVIK\.jdks\openjdk-20.0.1\bin\java.exe
enter string:
hi hello
HELLO

Process finished with exit code 0
```