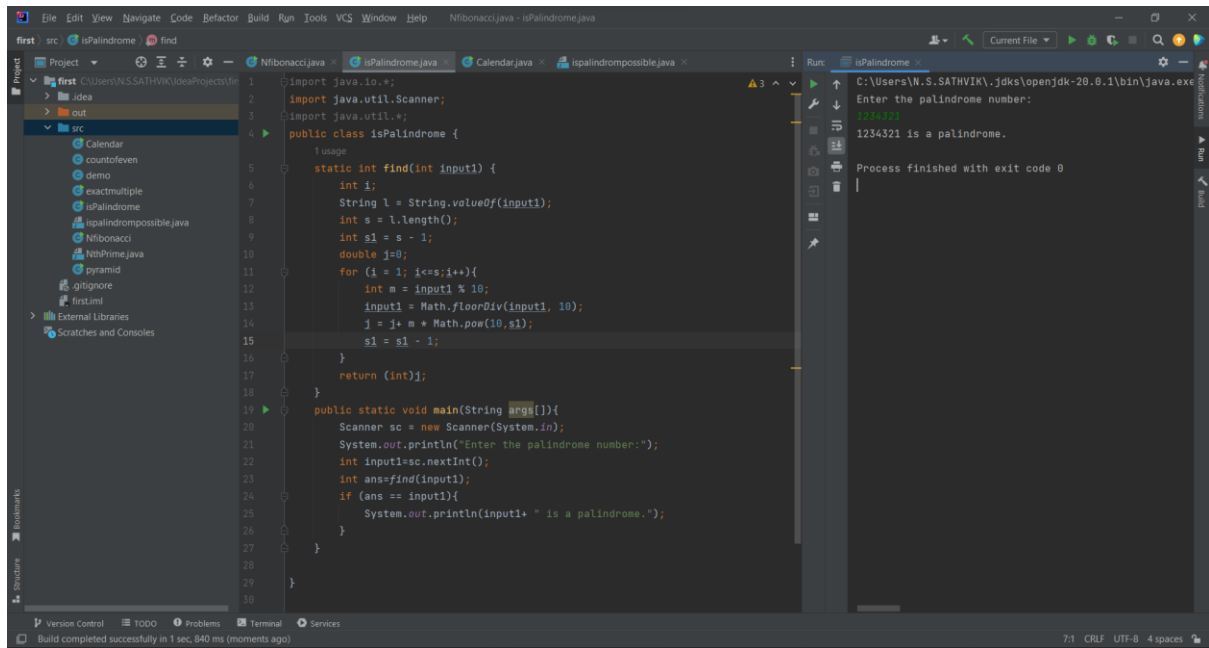# DAY 6 HackerRank Code
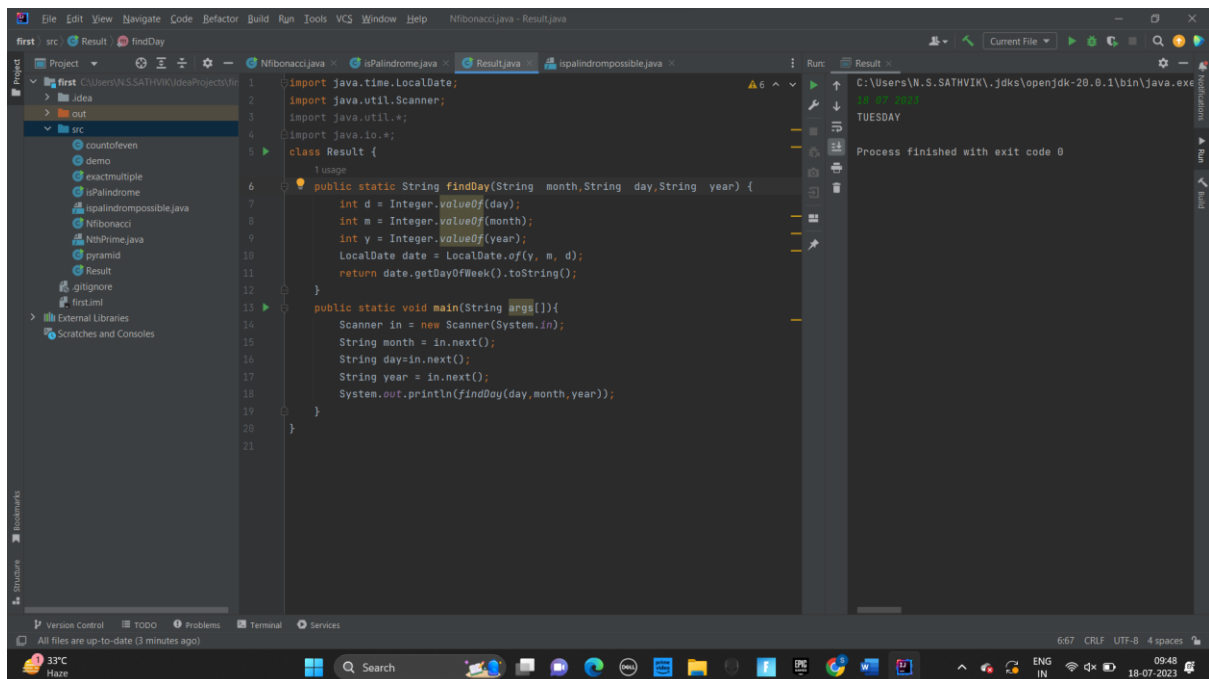
1.isPalindrome


```java
import java.io.*;
import java.util.Scanner;
import java.util.*;
public class isPalindrome {
    static int find(int input1) {
        int i;
        String l = String.valueOf(input1);
        int s = l.length();
        int s1 = s - 1;
        double j=0;
        for (i = 1; i<=s;i++){
            int m = input1 % 10;
            input1 = Math.floorDiv(input1, 10);
            j = j+ m * Math.pow(10,s1);
            s1 = s1 - 1;
        }
        return (int)j;
    }
    public static void main(String args[]){
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the palindrome number:");
        int input1=sc.nextInt();
        int ans=find(input1);
        if (ans == input1){
            System.out.println(input1+ " is a palindrome.");
        }
    }
}
```

```
C:\Users\N.S.SATHVIK\.jdks\openjdk-20.0.1\bin\java.exe
Enter the palindrome number:
1234321
1234321 is a palindrome.

Process finished with exit code 0
```

2.Java Date and Time


```java
import java.time.LocalDate;
import java.util.Scanner;
import java.util.*;
import java.io.*;
class Result {
    public static String findDay(String  month,String  day,String  year) {
        int d = Integer.valueOf(day);
        int m = Integer.valueOf(month);
        int y = Integer.valueOf(year);
        LocalDate date = LocalDate.of(y, m, d);
        return date.getDayOfWeek().toString();
    }
    public static void main(String args[]){
        Scanner in = new Scanner(System.in);
        String month = in.next();
        String day=in.next();
        String year = in.next();
        System.out.println(findDay(day,month,year));
    }
}
```

```
C:\Users\N.S.SATHVIK\.jdks\openjdk-20.0.1\bin\java.exe
18 07 2023
TUESDAY

Process finished with exit code 0
```