

20-7-21

```
+DateTest.java
1 package a20_7_21;
2
3 import java.text.SimpleDateFormat;
4 import java.util.Calendar;
5 import java.util.Date;
6 public class DateTest {
7     public static void main(String[] args) {
8         Date kim=new Date();
9         System.out.println(kim);
10
11         SimpleDateFormat f=new SimpleDateFormat("yyyy년 MM월 dd일"
12             + " hh시 mm분 ss초");
13         System.out.println("1. 오늘의 날짜="+f.format(kim));
14
15         Calendar now=Calendar.getInstance(); //new없음 ???
16         int year, month, day, hour, minute, second;
17         year=now.get(Calendar.YEAR);
18         month=now.get(Calendar.MONTH)+1;
19         day=now.get(Calendar.DATE);
20         hour=now.get(Calendar.HOUR);
21         minute=now.get(Calendar.MINUTE);
22         second=now.get(Calendar.SECOND);
23         System.out.println("2. 오늘의 날짜="+year+"/"+month+"/"+day);
24         System.out.println(hour+":"+minute+":"+second);
25     }
26 }
```

```
DateTest.java GameJava2.java
1 package a20_7_21;
2 //숙제: 로또는 6개의 번호를 랜덤하게 나오도록해야 함
3 //배열에 저장후 출력하시오
4 import java.util.Random;
5
6 public class GameJava2 {
7     public static void main(String[] args) {
8         Random r=new Random();
9         int ran;
10         for(int i=0;i<6;i++) {
11             ran=Math.abs(r.nextInt()%45)+1;
12             System.out.println(ran);
13         }
14     }
15
16 }
17
```

terminate

4 ✓

40

4 ✓

26

38

3

```

1 package a20_7_21;
2 import java.util.Scanner;
3 public class StringTest {
4     public static void main(String[] args) {
5         String str1="Hello";
6         String str2=new String("Hello");
7         String str3;
8         str3=str1+str2;
9         System.out.println(str3);
10        System.out.println(str3.length()); //길이 정보 10
11        System.out.println(str3.replace('H','h'));
12        System.out.println(str3.toLowerCase());
13        System.out.println(str3.toUpperCase());
14
15        System.out.println(str3);
16        System.out.println(str3.charAt(0)); //중요
17        System.out.println(str3.charAt(2));
18        str3=str3.concat("   "); //뒷부분에 3칸의 공백을 붙여라
19        System.out.println(str3.length()); //길이정보 13
20        str3=str3.trim(); //공백제거
21        System.out.println(str3.length()); //길이정보 10
22        System.out.println(str3.substring(2,5));
23

```

```

24        System.out.println("주민번호 입력하시오");
25        String jumin;
26        Scanner sc=new Scanner(System.in);
27        jumin=sc.next(); //입력준비 991225-1678978
28        System.out.println(jumin.substring(0, 6)); //"1"
29        System.out.println(jumin.charAt(7)); // '1'
30        char man=jumin.charAt(7);
31
32        switch(man) {
33            case '1':
34            case '3': System.out.println("남자");break;
35            case '2':
36            case '4': System.out.println("여자");break;
37            default: System.out.println("에러");
38        }
39
40    }
41

```

```
1 package a20_7_21;
2
3 public class StringTest2 {
4     public static void main(String[] args) {
5         String name="홍길동";
6         String name1="홍길동";
7         String name2=new String("홍길동");
8         System.out.println(name==name1); //같다
9         System.out.println(name==name2); //다르다
10        System.out.println(name.equals(name2)); //같다equals
11        System.out.println(name.equals(name1)); //같다
12        int a=10;
13        int b=10;
14        System.out.println(a==b);
15        String test="HellHoHoHo";
16        System.out.println(test.indexOf('H')); //위치
17        System.out.println(test.lastIndexOf('H')); //위치
18    }
19
20 }
21
```

<terminated> StringTest2 (Java)

```
true
false
true
true
true
0
8
```