Tugas 1 smt1

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Kelas : XI RPL B

Absen : 35

1.Latihan string dan penggabungan

string.java | membandingkanString.java | AwalAkhirString.java | UrutanString.java | panjangString.java | posisiKarakter.java | tug

Source | History

```
1
2   public class string {
3
4       public static void main(String[] args) {
5
6           System.out.println("========================STRING=======================");
7
8           String iniString="selamat datang di latihan string oleh wahyu";
9           System.out.println("ini variabel string =>" + iniString);
10
11          System.out.println("\n ==================================================");
12
13          String stringKu;
14          stringKu="selamat datang di universitasku"+" \nsemoga kamu betah ya \n";
15          System.out.println(stringKu);
16
17          System.out.println("PENGGABUNGAN STRING DIBAWAH\n");
18
19          stringKu += "jadi kalian yg maba harus membayar uang 100juta ke mas wahyu";
20          System.out.println(stringKu);
21
22      }
23  }
```

Output - STRING (run)

```
run:
========================STRING=======================
ini variabel string =>selamat datang di latihan string oleh wahyu

 ==================================================
selamat datang di universitasku
semoga kamu betah ya

PENGGABUNGAN STRING DIBAWAH

selamat datang di universitasku
semoga kamu betah ya
jadi kalian yg maba harus membayar uang 100juta ke mas wahyu
BUILD SUCCESSFUL (total time: 0 seconds)
```

2.Membandingkan string

```java

public class membandingkanString {


    public static void main(String[] args) {
        String myString1 = "Saya";
        String myString2 = "Wahyu";
        String myString3 = "SayaWahyu";

        System.out.println("STRING 1 " + myString1 );
        System.out.println("STRING 2 " + myString2 );
        System.out.println("STRING 3 " + myString3 );

        System.out.println("STRING 1 + STRING 3 ==> " +myString1.equals(myString3));
        System.out.println("STRING 2 + STRING 3 ==> " +myString1.equals(myString3));
        System.out.println("STRING 1dan2 + STRING 3 ==> " +(myString1+myString2).equals(myString3));

        System.out.println("equalsIgnoreCase==========================================================");
        String myString4 = "WAHYU ADALAH MANUSIA BUKAN ALIEN";
        String myString5 = "Wahyu adalah manusia bukan alien";

        System.out.println("STRING 4 => " + myString4 );
        System.out.println("STRING 5 => " + myString5 );
        System.out.println("perbandingan  ini mengabaikan  huruf upper dan lower==================");
        System.out.println("STRING 4 + 5 => "+myString4.equalsIgnoreCase(myString5));

        System.out.println("STRING 4 & 5 + 5 + 4 => "+(myString4+myString5).equalsIgnoreCase(myString5+myString4));


        System.out.println("PERBANDINGAN '==' ");
        String myString6 = "RPL";
        String myString7 = new String (myString6);
        String myString8 = "rpl";
        String myString9 = "RPL";

        System.out.println("STRING 6 + 8 => "+(myString6==myString8));
        System.out.println("STRING 7 + 8 => "+(myString7==myString8));
        System.out.println("STRING 6 + 9 => "+(myString6==myString9));

    }

}

```

```
Output - STRING (run)
run:
STRING 1 Saya
STRING 2 Wahyu
STRING 3 SayaWahyu
STRING 1 + STRING 3 ==> false
STRING 2 + STRING 3 ==> false
STRING 1dan2 + STRING 3 ==> true
equalsIgnoreCase==========================================================
STRING 4 => WAHYU ADALAH MANUSIA BUKAN ALIEN
STRING 5 => Wahyu adalah manusia bukan alien
perbandingan  ini mengabaikan  huruf upper dan lower==================
STRING 4 + 5 => true
STRING 4 & 5 + 5 + 4 => true
PERBANDINGAN '=='
STRING 6 + 8 => false
STRING 7 + 8 => false
STRING 6 + 9 => true
BUILD SUCCESSFUL (total time: 0 seconds)
```

3.Awal akhir string

```java
public class AwalAkhirString {


    public static void main(String[] args) {
        String myString = "Wahyu adalah manusia biasa";

        System.out.println("STARTSWITH===============");

        System.out.println(myString.startsWith("Wahyu"));
        System.out.println(myString.startsWith("wahyu"));
        System.out.println(myString.startsWith("Wah",1));
        System.out.println(myString.startsWith("Wa",2));
        System.out.println(myString.startsWith("W",3));

        System.out.println("ENDSWITH=================");
        System.out.println(myString.endsWith("bia"));
        System.out.println(myString.endsWith("manusia"));
        System.out.println(myString.endsWith("bias"));
        System.out.println(myString.endsWith("biasa"));

    }

}
```

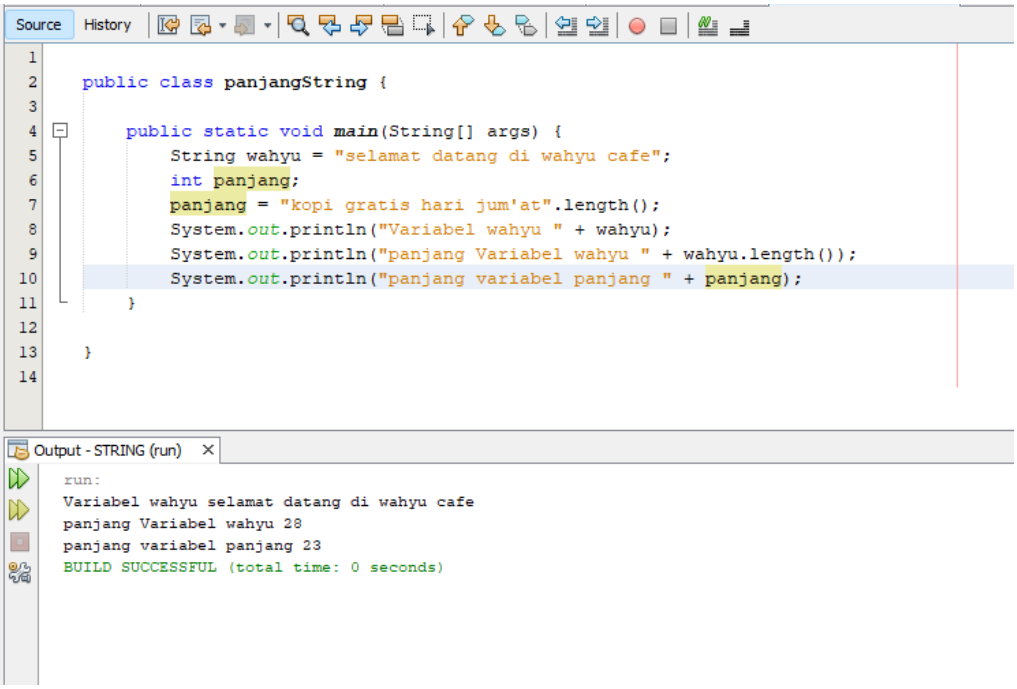
```
Output - STRING (run)
run:
STARTSWITH===============
true
false
false
false
false
ENDSWITH=================
false
false
false
true
BUILD SUCCESSFUL (total time: 0 seconds)
```

4.Urutan string

```java

public class UrutanString {


    public static void main(String[] args) {
        String [] nama={"Ayam","Kucing","Sapi","Angsa","zebra"};
        String temp;
        System.out.println("Nama nama hewan sebelum diurutkan");
        for (int i=0; i<nama.length; i++){
            System.out.println(i+1+" "+nama[i]+" ");
        }
        //mengurutkan nama hewan

        System.out.println("====================================");
        System.out.println("Nama nama hewan setelah diurutkan");
        for (int i=0; i<(nama.length-1); i++){
            for (int w=0; w<(nama.length-1); w++){
                if(nama[w].compareTo(nama[w+1])>0){
                    temp=nama[w+1];
                    nama[w+1]=nama[w];
                    nama[w]=temp;
                }
            }
        }

        for (int i=0; i<nama.length; i++){
            System.out.println(i+1+" "+nama[i]);
        }

    }

```

```
Output - STRING (run)
run:
Nama nama hewan sebelum diurutkan
1 Ayam
2 Kucing
3 Sapi
4 Angsa
5 zebra
====================================
Nama nama hewan setelah diurutkan
1 Angsa
2 Ayam
3 Kucing
4 Sapi
5 zebra
BUILD SUCCESSFUL (total time: 0 seconds)
```

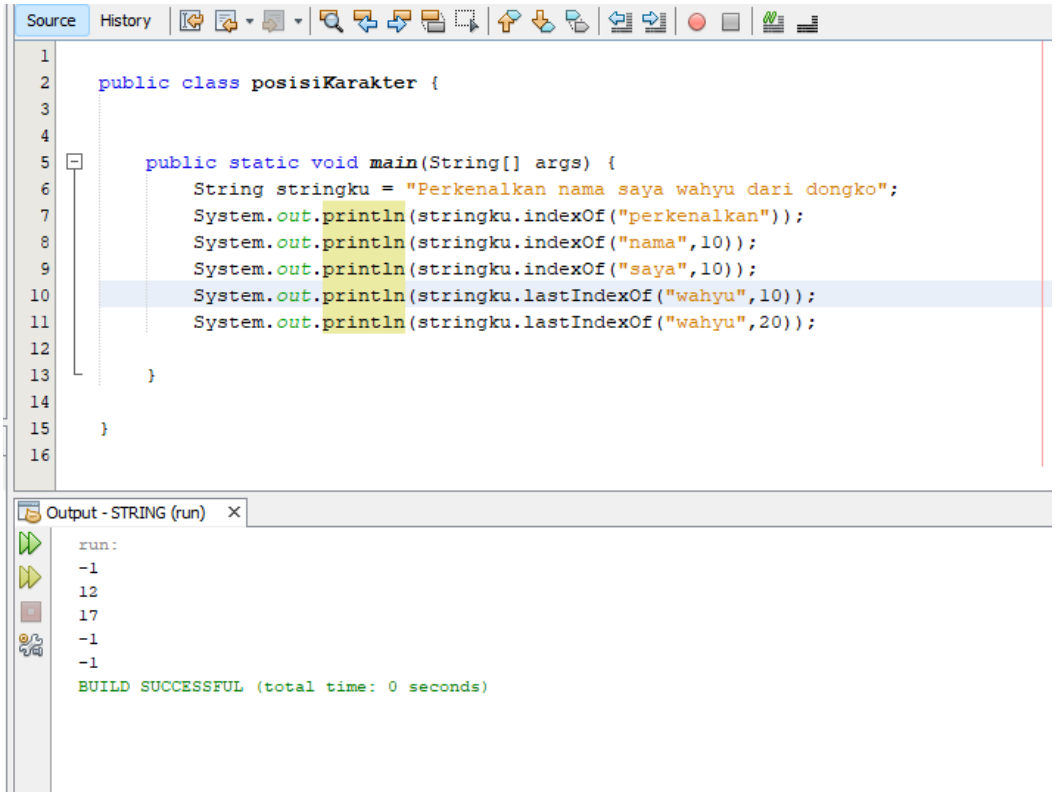
5.Panjangstring



```
Source  History

1
2   public class panjangString {
3
4       public static void main(String[] args) {
5           String wahyu = "selamat datang di wahyu cafe";
6           int panjang;
7           panjang = "kopi gratis hari jum'at".length();
8           System.out.println("Variabel wahyu " + wahyu);
9           System.out.println("panjang Variabel wahyu " + wahyu.length());
10          System.out.println("panjang variabel panjang " + panjang);
11      }
12
13  }
14
```

```
Output - STRING (run)

run:
Variabel wahyu selamat datang di wahyu cafe
panjang Variabel wahyu 28
panjang variabel panjang 23
BUILD SUCCESSFUL (total time: 0 seconds)
```

6.Posisi Karakter



```
Source  History

1
2   public class posisiKarakter {
3
4
5       public static void main(String[] args) {
6           String stringku = "Perkenalkan nama saya wahyu dari dongko";
7           System.out.println(stringku.indexOf("perkenalkan"));
8           System.out.println(stringku.indexOf("nama",10));
9           System.out.println(stringku.indexOf("saya",10));
10          System.out.println(stringku.lastIndexOf("wahyu",10));
11          System.out.println(stringku.lastIndexOf("wahyu",20));
12
13      }
14
15  }
16
```

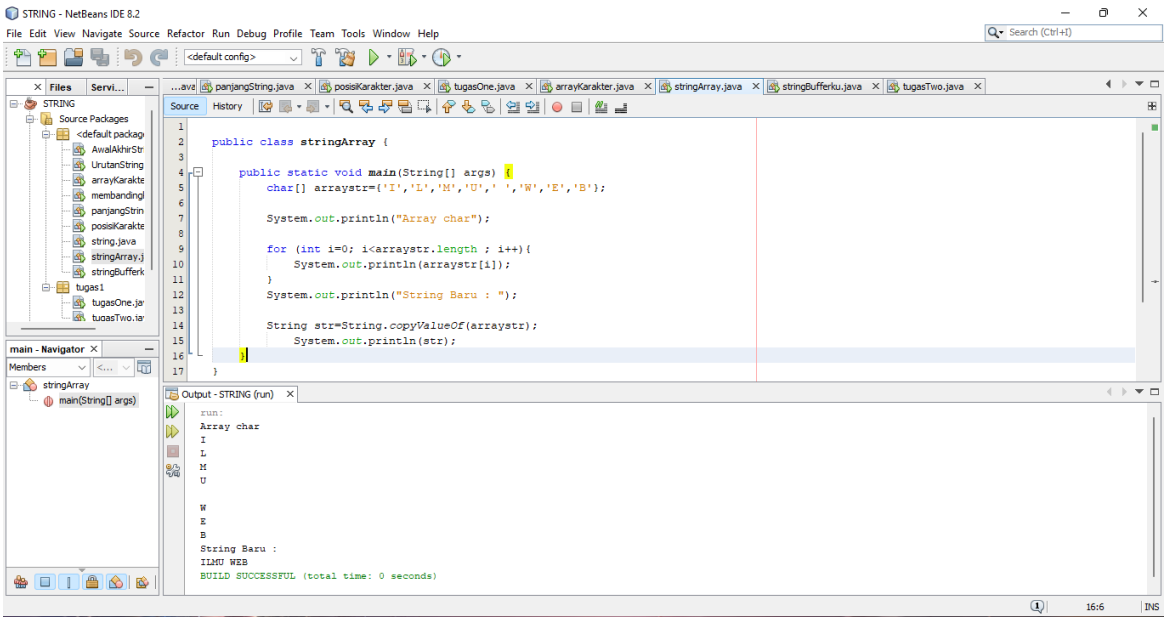
```
Output - STRING (run)

run:
-1
12
17
-1
-1
BUILD SUCCESSFUL (total time: 0 seconds)
```

7.arraykarakter

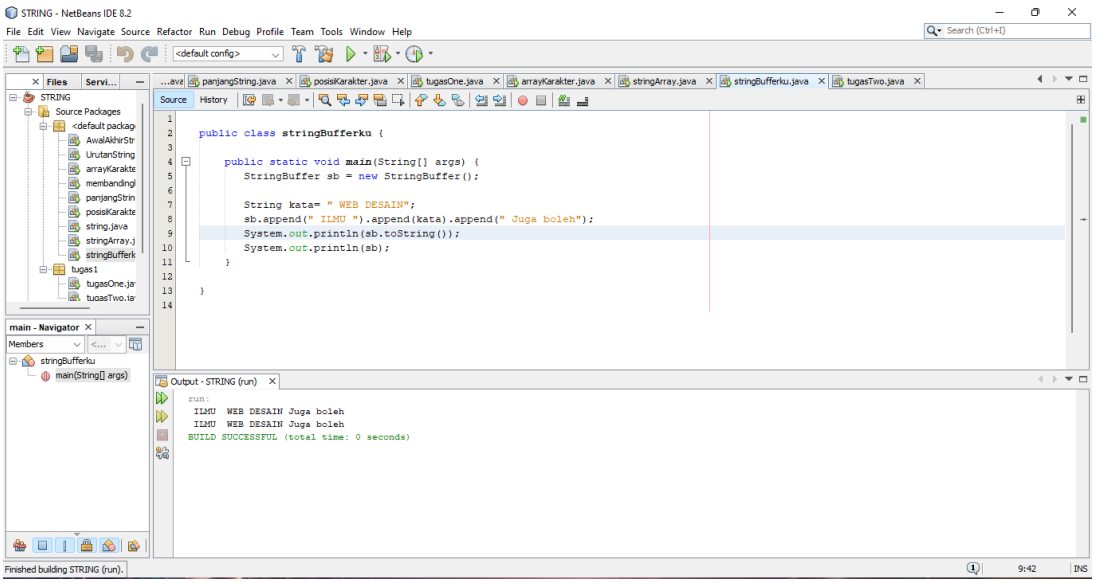
```
1
2   public class arrayKarakter {
3
4
5       public static void main(String[] args) {
6           String str="Ilmu komputer UNP";
7           char[] arraystr=str.toCharArray();
8           System.out.println("String : " + str);
9           System.out.println("String baru [toCharArray]: ");
10
11          for (int i=0; i<arraystr.length ; i++){
12              System.out.println(arraystr[i]);
13          }
14          System.out.println("String baru [getChars]: ");
15          char[] getstr= new char[10];
16          str.getChars(5,13,getstr,0);
17              for (int  i=0; i<getstr.length ; i++){
18              System.out.println(getstr[i]);
19      }
20      }
21
22  }
23
```

```
Output - STRING (run)
String : Ilmu komputer UNP
String baru [toCharArray]:
I
l
m
u

k
o
m
p
u
t
e
r

U
N
P
String baru [getChars]:
k
o
m
p
u
t
e
r


BUILD SUCCESSFUL (total time: 0 seconds)
```

8.STRING ARRAY

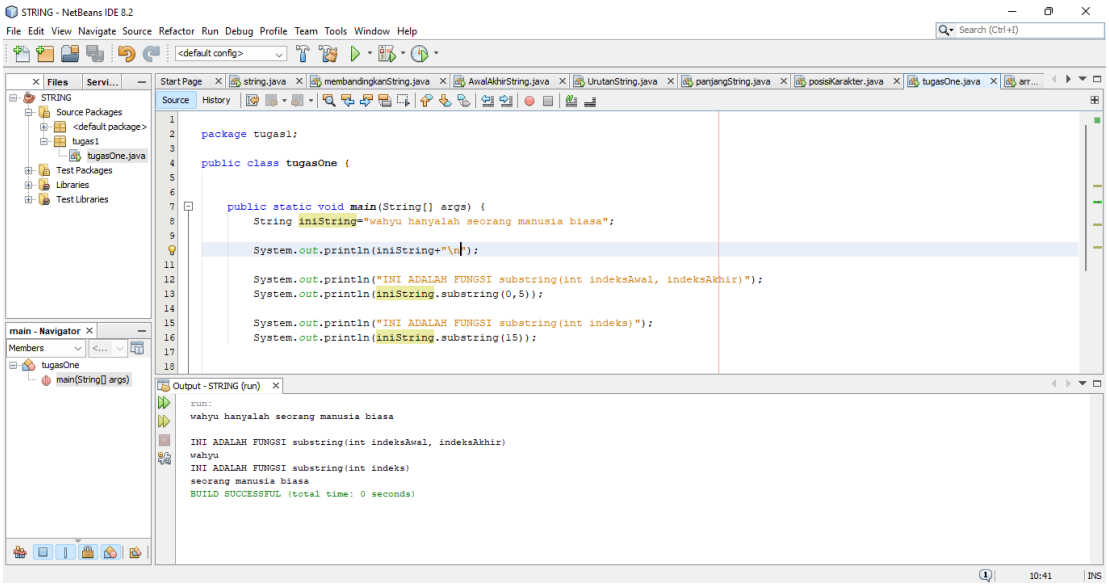


9.STRING BUFFER

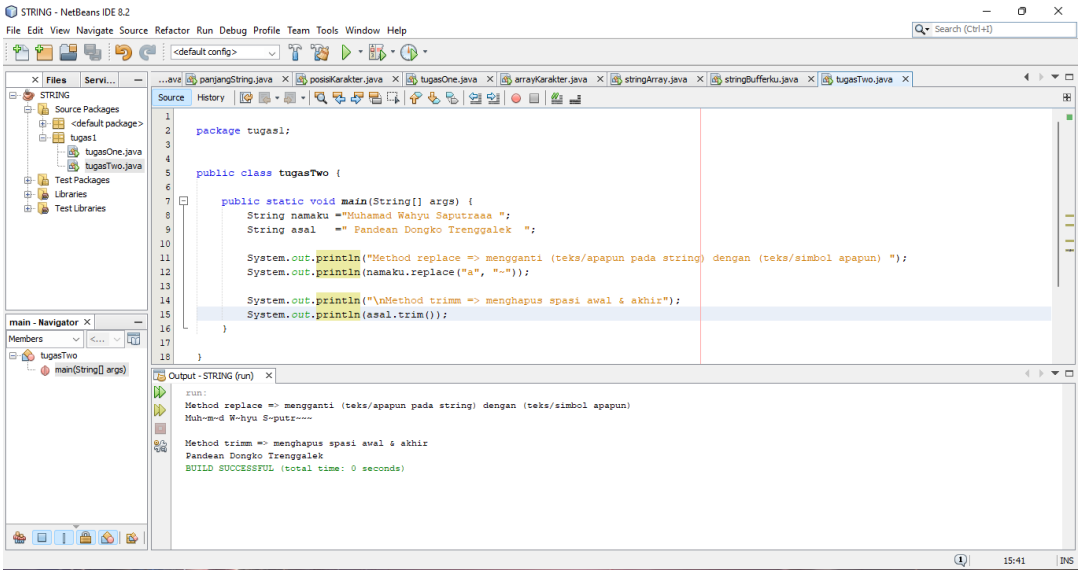


TUGAS

TUGAS 1 =>METHOD substring



TUGAS 2 => METHOD trim&replace



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