

LAB 6 PROGRAMS:-

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Current Balance : 45000

Outputs :-

2) string length : 13

Are string literals equal ? true

FULL NAME : John Doe

3) ToString () :-

String representation using ~~to~~ & toString () : Student { name = 'John', age = 20 }

toString () : Student { name = 'John', age = 20 }

4) Extracted string is : ~~Bmice~~ Bmice

5) String converted to byte array : Ranisha

String converted to char array : Ranisha

6) Bruce equals Bmice → true

7) public class StringComparisonDemo {

 public static void main (String [] args)

}

 String bmsce = "Bmice";

 String sameString = "Bmice";

 boolean isEqual = bmsce.equals (sameString);

 System.out.println ("Bmice" + " equals " + sameString + " -> " +
 isEqual);

String different string = "college";

is equal = bmsce.equals (different string);

System.out.println (bmsce + "equals" + different string + "→" +
is equal);

String case sensitive comparison = "BMSCE";

is equal = bmsce.equals (case sensitive comparison);

System.out.println (bmsce + "equals" + case sensitive comparison +
"→" + is equal);

}

}

OUTPUT:

Bmsce equals Bmsce → True

Bmsce equals college → false

Bmsce equals BMSCE → false

Bmsce equals ignore case BMSCE → true

7)

Substring is matched

8)

Does string start with "Hello"? true

Does string start with "hi"? false

9)

Does string end with "World"? true

Does string end with "Java"? false

10)

Create two strings with same content

String s1 = new String ("Ranisha");

String s2 = new String ("Ranisha");

If Original
String = "Hello,
world".

Create two strings with same reference:

String s3 = "00J";

String s4 = s3;

Output :

using equals (): true

using == : false

using equals (): true

using == : true.

2) string [] words = { "van", "watch", "ball", "cat", "xmas",
"yatch", "zee", "apple", "ice", "kite", "lift", "man",
"net", "orange", "dog", "ent", "free", "grin", "hen",
"parrot", "gheen", "ring", "star", "tree", "umbrella" };

Output :

apple

ball

cat

dog

ent

free

grin

hen

ice

jing

kite

life

man

net

orange -

parrot

gheen -

ring

star

tree
umbrella
van
watch
xmas
yatch
zee

12) Integer [] numbers = { 10, 9, 8, 7, 6, 5, 4, 3, 2, 1 };

```
Arrays. sort (numbers);
System.out.println("Sorted Numbers (Descending orders): ");
for (int i = number.length - 1; i >= 0; i--) {
    System.out.println(numbers[i]);
}
```

Output :-

Sorted numbers (Descending number):

10 9 8 7 6 5 4 3 2 1

13). Original : First string: Thomas was a test . Thomas was, too.
 Better final string : This is a test . This is, too .

14) String s1 = "Hello
Ranisha";
 String s2 = " world
in OOT labs";

Output :-

Concatenated string : Ranisha in OOT labs Hello world .

15) Original : Welcome to Bmse College of Engineering .
 Modified : Welcome to Bmse commege of engineering .

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