**Create a String in Java**

**class** main {

**public** **static** **void** main(String[] args) {

String first = "Java";

String second = "Python";

String third = "JavaScript";

System.***out***.println(first);

System.***out***.println(second);

System.***out***.println(third);

}

}

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## Java String Operations

### 1. Get length of a String

**class** main {

**public** **static** **void** main(String[] args) {

// create a string

String greet = "Hello! World";

System.***out***.println("String: " + greet);

// get the length of greet

**int** length = greet.length();

System.***out***.println("Length: " + length);

}

}

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### 2. Join Two Java Strings

**class** main {

**public** **static** **void** main(String[] args) {

// create first string

String first = "Java ";

System.***out***.println("First String: " + first);

// create second

String second = "Programming";

System.***out***.println("Second String: " + second);

// join two strings

String joinedString = first.concat(second);

System.***out***.println("Joined String: " + joinedString);

}

}

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### 3. Compare two Strings

**class** main {

**public** **static** **void** main(String[] args) {

// create 3 strings

String first = "java programming";

String second = "java programming";

String third = "python programming";

// compare first and second strings

**boolean** result1 = first.equals(second);

System.***out***.println("Strings first and second are equal: " + result1);

// compare first and third strings

**boolean** result2 = first.equals(third);

System.***out***.println("Strings first and third are equal: " + result2);

}

}

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### Java String toUpperCase() and toLowerCase() method

**public** **class** main

{

**public** **static** **void** main(String ar[])

{

String s="Sunaina";

System.***out***.println(s.toUpperCase());

System.***out***.println(s.toLowerCase());

System.***out***.println(s);

}

}

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**public** **class** main{

**public** **static** **void** main(String ar[])

{

String s=" Sunaina ";

System.***out***.println(s);

System.***out***.println(s.trim());

}

}

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**public** **class** main{

**public** **static** **void** main(String ar[])

{

String s="Sunaina";

System.***out***.println(s.startsWith("Su"));//true

System.***out***.println(s.endsWith("a"));//true

}

}

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**public** **class** main{

**public** **static** **void** main(String ar[])

{

String s="Sunaina";

System.***out***.println(s.charAt(0));

System.***out***.println(s.charAt(3));

}

}

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### Java String replace() Method

**public** **class** main{

**public** **static** **void** main(String ar[])

{

String s1="Java is a programming language. Java is a platform. Java is an Island.";

String replaceString=s1.replace("Java","Kava");//replaces all occurrences of "Java" to "Kava"

System.***out***.println(replaceString);

}

}

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true