

JAVA

DAY 2

- String Class
- Static Variable
- Static Methods
- Access Modifier
- Demo and Examples

String Class

- A string is a series of character.
- String is a *Class* unlike '*int & char*'. So it can be instantiated.
- It is most widely used in java as well as in the selenium webdriver.
- Lots of String methods are there which will make our work ease.
- Syntax: `String s=new String();`
- Demo

Static Variable

- Static variable can be created using the keyword “static” in Java.
- It is a variable which belongs to the class and not to object(instance).
- Static variables are initialized only once , at the start of the execution .
- For accessing the static variable no need to create object.
- Because before initializing of any instance, value will be assigned to the static variable.
- Syntax : <class-name>.<variable-name>
- Demo

Static Method

- It is a method which belongs to the class and not to the object(instance).
- A static method can access only static data. It can not access non-static data unless object is created.
- A static method can call only other static methods and can not call a non-static method from it.
- Syntax: <class-name>.<method-name>
- Demo

Access Modifier

- Access Modifier is used in declaring the variables, methods, Constructor or class.
- It decides the scope of data.
- We have 4 types of Access Modifier in JAVA.
 - 1) Public (Visible to world)
 - 2) Default (No access modifier) (Visible to Package)
 - 3) Protected (Visible to package and subclasses (in & outside package))
 - 4) Private (Visible to class only)

Access Modifier for class

- Top level classes can only have public or default modifier.
- Nested classes can have Public, default, protected and private.

Next Session

1. Inheritance → Overriding concepts and Super Keyword.
2. Polymorphism.
3. Interface.
4. Abstract class.
5. Collections (Arraylist and List)
6. Demo and Explanation.

“

Thank you for joining the
session.

”

Contact Details:

balajidinakaran1@gmail.com

<https://www.linkedin.com/in/balaji-dinakaran/>