**Day 7: 24-10-2025:**

**String :** String is a pre defined or also known as reference data types

Creating syntax for String class object

String str1 = “Welcome to Java”;

String str2 = new String(“Welcome to Java”);

== : it check contents and memory code

equals : it check only contents doesn’t matter same memory or different memory.

equals() method is part of Object class. String class as well as all Wrapper classes internally overrided equals method to check to object value and their memory code

String is known as immutable class. means we can’t change the value.

StringBuffer and StringBuilder : these two classes are type String mutable classes.

StringBuffer by default methods are synchronized. So it is thread safe but slow in performance in multithreading environment.

StringBuilder : not a synchronized so not thread safe. But fast in performance.

All these 3 classes and final. So we can’t inherits those classes.