PW SKILLS

Lecture – 15
Strings in Java

JAVA

List of Concepts Involved:

- Way to compare
- Inbuilt methods in String class
- Concatenation

Topics covered Yesterday's Session:

- String introduction
- Types of String
- Immutable Strings and Memory Map

Different ways of Comparison

To compare 2 Strings in java we use following approach
- == operator

It compares the reference of the Object.

- equals()

It compares the contents of two Object.

Important methods of String

- public char charAt(int index)
- public String concat(String str)
- public boolean equals(Object o)
- public boolean equalsIgnoreCase(String s)
- public String subString(int begin)
- public String subString(int begin,int end)
- public int length()

Important methods of String

- public String replace(char old, char new)
- public String toLowerCase()
- public String toUpperCase()
- public int indexOf(char ch)
- public int lastIndexOf(char ch)

Concatenation

The technique of connecting two or more strings together to create a new string is known as string concatenation. Various approaches to concatenating a string in Java include the following:

- + operator
- String.concat() method

Next Lecture

- Reversing String Different cases
- Palindrome
- Anagram program
- Pangram program