**STRING BUILDER**

String Builder

* Used to create modifiable string
* Same as string buffer class except that it is non-synchronized
* JDK 1.5

Constructor of String builder class

* StringBuilder() – default constructor with capacity of 16
* StringBuilder(String str) – specific with string
* StringBuilder(int length) – specific with stringlength

Methods of String builder class

* **Append**

**class** StringBuilderExample

{

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

{

StringBuilder sb=**new** StringBuilder("Hello ");

sb.append("Java");

//now original string is changed

System.out.println(sb);

//prints Hello Java

}

}

* **Insert**

class StringBuilderExample2

{

public static void main(String args[])

{

StringBuilder sb=new StringBuilder("Hello ");

sb.insert(1,"Java");

//now original string is changed

System.out.println(sb);

//prints HJavaello

}

}

* **Replace**

**class** StringBuilderExample3

{

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

{

StringBuilder sb=**new** StringBuilder("Hello");

sb.replace(1,3,"Java");

System.out.println(sb);

//prints HJavalo

}

}

* **Delete**

**class** StringBuilderExample4

{

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

{

StringBuilder sb=**new** StringBuilder("Hello");

sb.delete(1,3);

System.out.println(sb);

//prints Hlo

}

}

* **Reverse**

**class** StringBuilderExample5

{

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

{

StringBuilder sb=**new** StringBuilder("Hello");

sb.reverse();

System.out.println(sb);

//prints olleH

}

}

* **Capacity**

**class** StringBuilderExample6

{

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

{

StringBuilder sb=**new** StringBuilder();

System.out.println(sb.capacity());

//default 16

sb.append("Hello");

System.out.println(sb.capacity());

//now 16

sb.append("java is my favourite language");

System.out.println(sb.capacity());

//now (16\*2)+2=34 i.e (oldcapacity\*2)+2

}

}