**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

}

}