

# JAVA.UTIL PACKAGE

# JAVA.UTIL.STRINGTOKENIZER

- ❑ IN JAVA, THERE IS A WAY TO BREAK UP A LINE OF TEXT INTO WHAT ARE CALLED TOKENS.
- ❑ A TOKEN IS A SMALLER PIECE OF A STRING.
- ❑ THIS METHOD OF BREAKING UP TOKENS ARE COME FROM THE STRINGTOKENIZER CLASS.



# EXAMPLE

```
import java.util.StringTokenizer;
public class Main {
    public static void main(String[] args) {
        String s="Hello! and, welcome to !programming";
        StringTokenizer st=new StringTokenizer(s,"!,");
        System.out.println("No of Tokens:"+st.countTokens());
        while(st.hasMoreTokens()){
            System.out.println("Token : "+st.nextToken());
        }
    }
}
```

```
No of Tokens:4
Token : Hello
Token : and
Token : welcome to
Token : programming
```

# JAVA.UTIL.SCANNER

## CONSTRUCTOR:

SCANNER S=NEW SCANNER(SYSTEM.IN);

## METHODS:

NEXT() : RETURNS STRING

NEXTINT()

NEXTFLOAT()

NEXTDOUBLE()

NEXTBYTE()

NEXTSHORT()