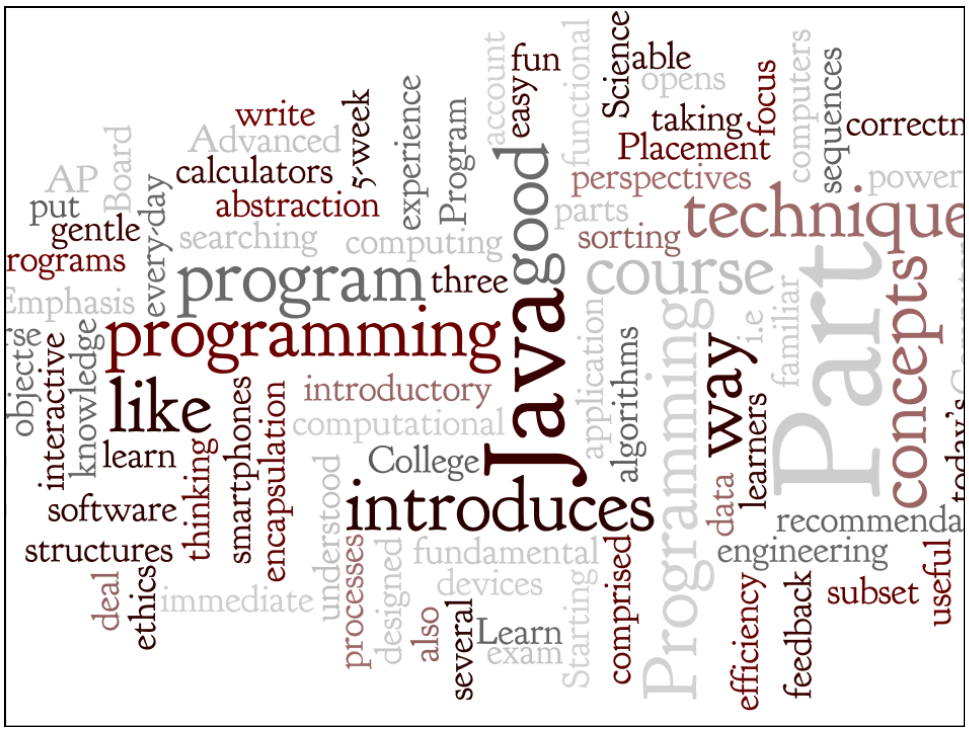
STRINGS

and

PRINTING



Text

- Characters
- Strings

```
'a'          "Java"
'A'          "Hello, World!"
'1'          "2015"
'.'          " "
' '          ""
```

Escaping

```
"\"Hello\""

"Hello\n"

"\\ and \""
```

Variables and Strings

```
String s = "s";
```

Concatenation

```
String s = "s";
String t = "top";
String p = s + t;      "stop"
String q = t + s;      "tops"
```

Concatenation and Addition

```
int n = 1;
String s = "1";

int m = n + n;          2
String p = s + s;       "11"
String q = s + n;       "11"
```

Length

```
String s = "s";
String t = "top";
String p = "";
String q = " ";
int n = s.length();     1
int m = t.length();     3
int j = p.length();     0
int k = q.length();     1
```

Substring

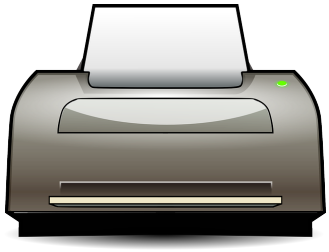
```
String s = "Hello!";
String t = s.substring(2,4); "ll"
String p = s.substring(0,2); "He"
String q = s.substring(2,6);"llo!"
String r = s.substring(2);  "llo!"
```

"Hello!"
0 1 2 3 4 5

Print

```
System.out.print(…)

System.out.println(…)
```



Bildungsminister
ächer sind als geglau
Budget in den
schaffen.
Spektrum
erteilt,
sehr
aller
ander
Resignat
weiteren
Hilde
jat Gasin
Mittwoch
jedoch
Arbe
nah
Zäh
Tenn
Knap
scaben
weltweiten
fänger,
usw.