

$\neg A \ \&\& \ B$

A	B	$\neg A$	$\neg A \ \&\& \ B$
T	T	F	F
T	F	F	F
F	T	T	T
F	F	T	F

5.5 ... 7.5, 7.7

---

```
int[] signature = new int[500];
```

OR = {5, 3, -7, ...}

```
for (int i=0; i < signature.length; i++) {  
    if (signature[i] < 0) {  
        }  
    }  
}
```

---

int a = ...

int[] data = new int[a];

```

class Calc {
public static double avg(double x,
                           double y) {
    double value = (x+y)/2;
    return value;
}

```

---

main

```

double s = 3.5;
double t = 4.162378;

```

```

// ignore the result
avg(s, t);
avg(3, 2);
avg(3.6, t);

```

```

Calc c =
    new Calc();
double y =
    c.avg(s, t);

```

```

// store the result
double z = avg(s, 2.8);
S.o.pln(z);

```

```

double x = avg(s, 10) +
           avg(t, 10);

```

---

outside of "Calc" class

```

Calc.avg(3.14, 15.9);

```

```
static int methodCalls = 0;
```

```
static final int HEIGHT = 30;
```

```
static final String label = "Fred:";
```

LABEL

```
int resultIndex =  
if (resultIndex >= 0 && resultIndex < name.length)  
    S.o.pln(name[resultIndex]);
```

```
double x = 5.3;  
int n = (int) x;  
double y = n; // y is now  
5.0
```