

variables

declare

name
type

type name
↓ ↓
int X;
int year;
int year2;

names:

start w/ letter or _

contain letters, numbers, or _

cannot be part of the lang.

e.g. int, class, public

→ keywords or reserved wds.

initialize variables

```
int x = 6;
```

↑
"is assigned"
"gets"

```
int y;  
y = 5;
```

$$x=10$$

$$x = -32;$$

```
import java.util.Scanner;
```

```
age = in.nextInt();
```

```
System.out.printf(  
    "You are %d years old.\n",  
    age);
```