

ECE 462
8/23/2010

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CASE SENSITIVE

OBJECTS

- Identity
- State
- Behavior

Collection of Objects

- Human
- Cars

Instantiation

→ create an object of a class

C++

JAVA

```
Car mycar (model, year, ...);
```

```
Car * mycar = new Car (model, year, ...);
```

```
int * x = malloc (...)
```

```
Car mycar = new Car (...)
```

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(Jr)

```
class Person {
  final String LastName;
  final String FirstName;

```

initialize once in constructor
prevents accidental change

const in C++

```
public Person (string ln, string fn) {
  LastName = ln;
  FirstName = fn;
}

```

constructor, no return type

name has to match class name

```
public void print () {
  System.out.println (...);
}

```

include \n at the end