

```

class Person {
    int age;
    String name;
    Person father;
    Person mother;
}
1 Person john = new Person(); 2
3 john.name = "John Smith";
4 john.age = 35;
5 Person mary = new Person(); 6
7 mary.name = "Mary Smith";
8 mary.age = 32;
9 Person student = new Person(); 10
11 student.name = "John Smith, Jr.";
12 student.age = 5;
13 student.father = john
14 student.mother = mary
    println "TEACHER: How old are you, " + student.name + "?"
    println "LITTLE JOHN: I am " + student.age + " years old, sir.";
    println "TEACHER: Who is your mother?"
15 println "LITTLE JOHN: " + student.mother.name + ", sir.";

```

#### What compiler outputs:

TEACHER: How old are you, John Smith, Jr.

LITTLE JOHN: I am 5 years old, sir.

TEACHER: Who is your mother?

15 LITTLE JOHN: Mary Smith, sir.

## Stack

