

What is stored in the static heap, stack, dynamic heap?

- Static heap, the class objects and static variables are stored.
- Stack, the method calls, local variables, and object references are stored.
- Dynamic heap, the objects are stored.

What are objects in the program?

- The objects in the program are obj1 and obj2.

What is the state of obj1, obj2?

- The state of obj1 is empty values for all fields.
- The state of obj2 is the values assigned during its constructor.

Do you access all fields of obj1 in the class Tester.java? Why?

- No. - Because obj1's fields are private and we can access all fields of obj1 in its class.

What is the current object when the program runs to the line "obj2.createSound();"?

- It's obj2.

In the method main, can you use the keyword "this" to access all fields of obj2? Why?

- No.
- Reason 1: main is a static method.
- Reason 2: main is in Tester class, not in Guitar class.