

(Place Holder)

Create sardine:

- ✓ living thing constructor called
- ✓✓ animal constructor called
- ✓✓✓ fish constructor called
- ✓✓✓✓ Sardine constructor called

Create bass:

- ✓ living thing constructor called
- ✓✓ animal constructor called
- ✓✓✓ fish constructor called
- ✓✓✓✓ Bass constructor called

q

Create tiger:

- ✓ living thing constructor called
- ✓✓ animal constructor called
- ✓✓✓ mammal constructor called
- ✓✓✓✓ Cat constructor called
- ✓✓✓✓✓ Tiger constructor called

Create lion:

- ✓ living thing constructor called
- ✓✓ animal constructor called
- ✓✓✓ mammal constructor called
- ✓✓✓✓ Cat constructor called
- ✓✓✓✓✓ Lion constructor called

q

Create chestnut:

- ✓ living thing constructor called
- ✓✓ plant constructor called
- ✓✓✓ plant constructor called
- ✓✓✓✓ Chestnut constructor called

Create cherry:

- ✓ living thing constructor called
- ✓✓ plant constructor called
- ✓✓✓ plant constructor called
- ✓✓✓✓ Cherry constructor called

Create tree:

- ✓ living thing constructor called
- ✓✓ plant constructor called
- ✓✓✓ plant constructor called

Tree toString called:

=== plant constructor called

Create Animal:

✓ living thing constructor called

✓✓ animal constructor called

Animal toString:

== animal constructor called

Call display on six objects of the six leaf classes respectively:

==== Sardine constructor called

==== Bass constructor called

===== Tiger constructor called

===== Lion constructor called

==== Chestnut constructor called

==== Cherry constructor called

q

destruction start...

XX animal deconstructor called

X living thing deconstructor called

XXX plant deconstructor called

XX plant deconstructor called

X living thing deconstructor called

XXXX Cherry deconstructor called

XXX plant deconstructor called

XX plant deconstructor called

X living thing deconstructor called

XXXX Chestnut deconstructor called

XXX plant deconstructor called

XX plant deconstructor called

X living thing deconstructor called

XXXXX Lion deconstructor called

XXXX Cat deconstructor called

XXX mammal deconstructor called

q

```
XX animal destructor called
X living thing destructor called
XXXXX Tiger destructor called
XXXX Cat destructor called
XXX mammal destructor called
XX animal destructor called
X living thing destructor called
XXXX Bass destructor called
XXX fish destructor called
XX animal destructor called
X living thing destructor called
XXXX Sardine destructor called
XXX fish destructor called
XX animal destructor called
X living thing destructor called
```