

## Part B: Minimal Coding Example

Design a simple class called Creature (or a D&D-themed class such as Goblin) that includes:

A private data member (e.g., health or name).

A constructor that initializes the data member(s).

A destructor that prints a message indicating the object is being destroyed.

A public method that displays the object's state.

```
Class Creature {  
    String name;  
  
    Public:  
    Int health;  
  
    Creature (string n, int h) {  
        name = n;  
        health = h;  
    }  
  
    Void displayState () {  
        Cout << "Creature" << name << "has a health of" << health;  
    }  
  
    ~ Creature () {  
        Cout << "Creature" << name << "has been destroyed" << endl;  
    }  
};
```

