Daryl public class ManageZoo  
{  
public static void main(String args[]) {  
// Array to store data; note that these are just references  
Animal e[] = new Animal[3];  
  
// No create space (objects) for animal data  
e[0] = new Animal(“A123“, “OldTiger“, 34, 100, null);  
e[1] = new Animal(“A124“, “MummyChimp“, 20, 50, null);  
e[2] = new Animal(“A125“, “BabyChimp“, 2, 4, e[1]);  
  
Scanner console = new Scanner(System.in); // Create new scanner object  
// Prompt for ID Op (S or U) and weight  
System.out.println("Enter ID Op and weight");   
while ( true ) // read/exit loop  
{  
int i;  
String ID; // Store user-entered ID here  
// Read in the first token, it could be an animal ID or "X" to exit  
ID = console.next(); // Read in the first token, it could be   
if ( s.compareTo("X") == 0 ) // User has had enough so exit  
{  
System.out.println("Finished processing transactions");  
break;  
}  
  
String op = console.next(); // Read the op ("S" or "U")  
double wt = Double.parseDouble(console.next()); // Read the weight  
Animal an = null; // Prepare to search the table for given ID  
for (i=0; i<3; i++)   
{  
if ( e[i].getID().compareTo(ID) == 0) // An ID matches, so ....  
{  
an = e[i]; // ... make an point to the object  
break; // and exit the search loop  
}   
}  
  
if ( an == null) // This means no ID matched the user entered ID  
System.out.println("No animal found with ID" + ID);  
else // otherwise there was a match  
if ( op.compareTo("S") == 0) // Now check the op, if "S"  
{  
an.setWeight(wt); // then record the new weight  
System.out.println("New weight for animal with ID" + ID);  
}  
else   
if ( op.compareTo("U") == 0) // else if it is "U"  
{  
an.changeWeight(amt); // then just update the weight  
System.out.println("Update weight for animal with ID " + ID);  
}  
}   
  
// (iv) Print all the animal data after the user has updated the database  
for (int j=0; j < 3; j++)  
e[j].print();  
}  
}