CSC 241

Lab 5

}

Implement a class called **Bag** that implements the **BagInterface** class.

Then, test the **Bag** class by verifying all of the methods work correctly with objects of the **FamousPerson** class.

Test the **Bag** class with multiple entries of **FamousPerson** objects such that the name and year of birth are the same, but the factoids of the **FamousPerson** for each entry are different.

In order to display the contents of the Bag after testing the methods, write a toString method.

Use the following template:

```
public class Bag extends ArrayCollection implements BagInterface{
```

```
@Override
public Object grab() {
      // TODO Auto-generated method stub
      return null;
}
@Override
public int count(Object target) {
      // TODO Auto-generated method stub
      return 0;
}
@Override
public int removeAll(Object target) {
      // TODO Auto-generated method stub
      return 0;
}
@Override
public void clear() {
      // TODO Auto-generated method stub
}
```

Use the following driver program to test your Bag implementation (feel free to add your own code for sufficient testing):

```
public class BagDriver {
    public static void main(String[] args){
        Bag<FamousPerson> myBag = new Bag(10);
        FamousPerson p1, p2, p3;
        p1 = new FamousPerson("John", "McEnroe", 1980, "Tennis star.");
```