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| **学校** | 吉林大学珠海学院 |  | **班级** | **软件7班** |  | **科目** | JAVA面向对象程序设计 |
| **学院** | 计算机学院 |  | **姓名** | 张子恒 |  | **日期** | 2023.\*.\* |
| **专业** | 软件工程 |  | **学号** | 04222119 |  | **实验名称** | 实验七 |

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| **实验内容**  第1题  代码（要有必要的注释说明程序思路）  package com.ex07.test01;  public class HelloWorld {  public static void main(String[] args) {  System.*out*.println("Hello World!");  } }  运行结果截图    第2题  代码（要有必要的注释说明程序思路）  package com.ex07.test01;  public class TestArg {  public static void main(String[] args) {  int i;  if(args.length > 0) {  for (i = 0; i <= args.length; i++) {  System.*out*.println("args[" + i + "] = " + args[i]);  }  System.*out*.println(i);  } else {  System.*out*.println("缺少参数");  }  } }  运行结果截图    第3题  代码  package com.ex07.test02;  public class EmployeeTest {  public static void main(String[] args) {  Employee employee = new Employee(1111, "张三", "男", 18);  System.*out*.println(employee.toString());  } }  package com.ex07.test02;  public class Employee {  protected int sid;  protected String sname;  protected String sex;  protected int age;   public Employee(int sid, String sname, String sex, int age) {  this.sid = sid;  this.sname = sname;  this.sex = sex;  this.age = age;  }   public int getSid() {  return sid;  }   public String getSname() {  return sname;  }   public String getSex() {  return sex;  }   public int getAge() {  return age;  }  public String toString() {  return "编号：" + this.sid + " 姓名：" + this.sname + " 性别：" + this.sex + " 年龄：" + this.age;  } }  运行结果截图    第4题  代码  package com.ex07.test03.People;  public class PeopleTest {  public static void main(String[] args) {  Employee employee = new Employee("张三",28, "男", "1111111");  Student student = new Student("李四", 12, "男");  employee.toShow();  student.toShow();  } }  package com.ex07.test03.People;  public class People {  protected String name;  protected int age;  protected String sex;   public People(String name, int age, String sex) {  this.name = name;  this.age = age;  this.sex = sex;  }  public void eat() {}  public void speak(){}  public void toShowBase() {  System.*out*.println("姓名：" + this.name);  System.*out*.println("年龄：" + this.age);  System.*out*.println("性别：" + this.sex);  } }  package com.ex07.test03.People;  public class Employee extends People {  protected String id;   public Employee(String name, int age, String sex, String id) {  super(name, age, sex);  this.id = id;  }   @Override  public void eat() {  super.eat();  System.*out*.println("我是员工，我爱吃饭");  }   @Override  public void speak() {  super.speak();  System.*out*.println("我是员工，我爱说话");  }  public void work() {  System.*out*.println("我是员工，我的工作很简单！");  }  public void toShow() {  System.*out*.println("这是一名员工：");  super.toShowBase();  System.*out*.println("工号：" + this.id);  eat();  speak();  work();  } }  package com.ex07.test03.People;  public class Student extends People {  public Student(String name, int age, String sex) {  super(name, age, sex);  }   @Override  public void eat() {  super.eat();  System.*out*.println("我是学生，我爱吃饭");  }   @Override  public void speak() {  super.speak();  System.*out*.println("我是学生，我爱说话");  }  public void toShow() {  System.*out*.println("这是一名学生：");  super.toShowBase();  eat();  speak();  } }  运行结果截图    第5题  代码  package com.ex07.test03.Animal;  public class AnimalTest {  public static void main(String[] args) {  Rabbit rabbit = new Rabbit();  rabbit.sleep();  rabbit.eat();   Tiger tiger = new Tiger();  tiger.sleep();  tiger.eat();  } }  package com.ex07.test03.Animal;  public class Animal {  public void eat(){}  public void sleep() {  System.*out*.println("sleep");  } }  package com.ex07.test03.Animal;  public class Rabbit extends Animal {  @Override  public void sleep() {  super.sleep();  }   @Override  public void eat() {  super.eat();  System.*out*.println("我说是兔子 我吃草");  } }  package com.ex07.test03.Animal;  public class Tiger extends Animal {  public void sleep() {  super.sleep();  }   @Override  public void eat() {  super.eat();  System.*out*.println("我说是老虎 我吃肉");  } }  运行结果截图 |
| **小结** |