浙大20秋JAD W2作业

判断题 **7**　　A. 单选题 **16**　　程序填空题 **2**　　函数题 **2**

2-1 For code below:　　　　　　　　　　　　(2分)

```java
public class TestRoom {
    TestDoor t = new TestDoor();
    TestRoom() {}
    public static void main(String[] args) {
        TestRoom tt = new TestRoom();
    }
}
class TestDoor {
    TestRoom t = new TestRoom();
    TestDoor() {}
    public static void main(String[] args) {
        TestDoor tt = new TestDoor();
    }
}
```

which one is correct?

- ○ A. It does not compile because there are two main()s in one .java file
- ○ B. It does not compile because they refer to each other
- ○ C. It compiles and runs smothly
- ◉ D. It compiles and raises exception at running for stack overflow

2-1 答案正确 (2 分)

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2-2 To serialize an object of some class, which one below is not nessasary?　(2分)

- ○ A. That class should implement Serializable
- ◉ B. That class should override writeObject()
- ○ C. writeObject() will be used to serialize that object
- ○ D. An object of ObjectOutputStream should be created

2-2 答案正确 (2 分)

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2-3 For the code below:　　　　　　　　　　(2分)

```java
class Test {
    private int m;
    public static void fun(   ) {
        // some code…
    }
}
```

How to make the member variable `m` be visited by the function `fun()`?

- ○ A. Change `private int m` to `protected int m`
- ○ B. Change `private int m` to `public int m`
- ◉ C. Change `private int m` to `static int m`
- ○ D. Change `private int m` to `int m`

2-3 答案正确 (2 分)

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2-4 Which line is the right sequence to declare in one compile unit? ( )　(2分)

- ◉ A. package, import, class
- ○ B. class, import, package
- ○ C. import, package, class
- ○ D. package, class, import

2-4 答案正确 (2 分)

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```
public class MyClass {
    static int myArg = 1;
    public static void main(String[] args) {
    int myArg;
        System.out.println(myArg);
    }
}
```

○ A. Compiles, result is 1

○ B. Compiles, result is 0

◉ C. Compile error for no initialization for myArg

○ D. Compile error for local variable myArg has the same name with a static one

2-5 答案正确 (2 分)

2-7 About object variables, like s as "String s", which statement below is correct? (2分)

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○ A. Object variable is exactly the pointer in C++.

◉ B. Object variable looks like the pointer in C++, but not calculable.

○ C. Object variable holds an object in its own memory space.

○ D. Each object can be referenced by one object variable only.

2-7 答案正确 (2 分)

2-8 About the Java language, which statement below is NOT correct? (2分)

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◉ A. Other than the class itself, only derived classes can access a protected member.

○ B. The .length of an array is the number of elements in the array.

○ C. It is possible to have a try statement without any catch clause but a finally clause.

○ D. All primitive number types have their corresponding warp classes.

2-8 答案正确 (2 分)

2-9 About access control in Java, which statement below is correct? (2分)

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○ A. A member without any access modifier is default to private

○ B. A member without any access modifier is default to public

○ C. A member without any access modifier is default to protected

◉ D. Classes in the same package can access members without any access modifier.

2-9 答案正确 (2 分)

2-10 Given code below: (2分)

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```
class A {
    private int m;
    public int k;
    static int g;
    int h;
    static void f() {}
}
```

Which variable is accessible in function f?

○ A. m

○ B. k

◉ C. g

○ D. h

2-10 答案正确 (2 分)

2-11 About the Java language, which one below is NOT correct? (2分)

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○ A. A redefinition of a superclass method in a subclass need not have the same signature as the superclass method. Such a redefinition is not method overriding but is simply an example of method overloading.

C. A method declared static has a special way to access non-static class members. Using this reference,

static methods are able to access all members of that class.

D. An array subscript may be an integer or an integer expression. If a program uses an expression as a subscript, then the expression is evaluated to determine the particular element of the array.

2-11 答案正确 (2分)

2-12 About "import java.util.Scanner", which statement is NOT correct? (2分)

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A. Scanner class belongs to java.util package.

B. Scanner.class is in the (some where)/java/util/ folder.

C. The compiler need Scanner.class to compile your code.

D. The compiler need Scanner.java to compile your code.

2-12 答案正确 (2 分)

2-13 For code below, which statement is NOT correct? (2分)

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```
import static haha.Haha.*;
    …
public class Lala {
public void mian(String[] args) {
        …
        take(args);
        …
    }
}
```

A. take() is a global function

B. take() is a non-static member of Lala

C. take() is a static member of Lala

D. take() is a static member of Haha

2-13 答案错误 ⓘ (0 分)

2-14 Given code below: (2分)

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```
package his;
public class My {}
```

Which statement below is NOT correct?

A. It has to be in a file named My.java.

B. It has to be in a directory named his.

C. It can be in any file but with no any other class definitions in the same file.

D. Any non-public classes can be defined in the same source file as it is in.

2-14 答案正确 (2 分)

2-15 About inner class, which statement below is NOT correct? (2分)

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A. Objects of an inner class can be used in the outer class only.

B. Static methods can not access non-static inner classees.

C. Inner class can access every member of the outer class.

D. Inner class can be defined as private.

2-15 答案正确 (2 分)

2-16 下列关于使用包中的类哪个说法是正确的。 (2分)

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A. 类不可以使用其所在包中的private类

B. 类可以使用其他包中的所有类

C. 类可以使用其他包中的public类

PTA

2-17 一个*.java文件中可以包含多少个public类？ （2分）

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- ⦿ A. 最多1个
- ○ B. 最少1个
- ○ C. 只能是0个
- ○ D. 不限制

2-17 答案正确 （2 分）