Institute of Java & Software Engineering

Assignment No 02 Object Oriented Programming

EXAM

Java Standard Edition 6 Programmer Certified

Professional Exam (CX-310-065)





Ouestion 1. class Black{ int x; static int y; Black(int i, int j) { x=i; y=j;Black(){ } class Demo{ public static void main(String args[]){ Black b1=new Black(100,200); Black b2=new Black(); System.out.println(b2.x+" "+b2.y); What is the result of attempting to compile and run the program? b. Prints 0 0 a. Prints 100 200 c. Prints 0 200 d. Prints 1000 e. Compile Error f. None of the above **Ouestion 2.** class Black{ int x; static int y; Black(int i, int j){ x=i;y=j;class Demo{ public static void main(String args[]){ Black b1=new Black(100,200); Black.y=-1; System.out.println(b1.x+" "+b1.y); What is the result of attempting to compile and run the program? a. Prints 100 200 b. Prints 0 0 d. Prints 100 0 c. Prints 0 200 e. Compile Error f. None of the above Question 3. class Black{ int x; static int v; Black(int i, int j) { x=i;y=j;class Demo{ public static void main(String args[]){ Black b1=new Black(100,200); Black b2=new Black(0,0); b2.x=10;b2.y=20;System.out.println(b1.x+" "+b1.y); } What is the result of attempting to compile and run the program? a. Prints 100 200 b. Prints 10 20

c. Prints 100 20

e. Compile Error

```
Ouestion 4.
class Magic {
   static int value;
   Magic(int i){
      value=i;
class Demo{
   public static void main(String args[]){
      Magic m1=new Magic(10);
      Magic m2=new Magic(20);
      Magic m3=new Magic(30);
      System.out.println(m1.value+" "+m2.value+"
"+m2.value);
  }
What is the result of attempting to compile and run the
program?
   a. Prints 10 20 30
                               b. Prints 0 0 0
   c. Prints 10 10 10
                               d. Prints 30 30 30
   e. Compile Error
                           f. None of the above
Question 5.
class Magic {
   static int value;
   Magic(int i){
      value=i;
   public static void main(String args[]){
      Magic m1=new Magic(10); //Line 20
      Magic m2=new Magic(20); //Line 21
      Magic m3=new Magic(30); //Line 22
      value=266:
                                  //Line 23
      System.out.println(m1.value+" "+m2.value+"
"+m2.value);
What is the result of attempting to compile and run the
program?
   a. Prints 10 10 10
                                  b. Prints 10 20 30
   c. Prints 30 30 266
                                  d. Prints 30 30 30
   e. Prints 266 266 266
                                  f. Prints 0 0 0
   g. Compile Error at Line 23 f. None of the above
Question 6.
1. class Violet {
2.
      int x;
3.
      static int y;
4.
      public static void main(String[] args) {
5.
         System.out.println("x="+x);
6.
7.
         System.out.println(" y="+y);.
8.
         System.out.println(" z="+z);
9.
What is the result of attempting to compile and run the
program?
   a. Compiler error at line 2.
                                  b. Compiler error at line 3
   c. Compiler error at line 6.
                                  d. Compiler error at line 7.
   e. Compiler error at line 9.
                                  f. Compiler error at line 9.
   g. Runtime Exception
                                  h. None of the Above
```

d. Prints 100 20

f. None of the above

Ouestion 7.

```
class Sienna {
    static double a;
    static float b;
    static int c;
    static char d;

public static void main(String[] args) {
        a = b = c = d = 'a';
        System.out.println(a+b+c+d == 4 * 'a');
    }
}
```

What is the result of attempting to compile and run the program?

- a. Prints: true
- b. Prints: false
- c. Compiler error.
- d. Run time error.
- e. None of the above.

Ouestion 8.

Which of the following statements are true about a variable created with the static modifier?

- Once assigned the value of a static variable may not be altered.
- 2) A static variable created in a method will keep the same value between calls.
- 3) Only one instance of a static variable will exist for any amount of class instances.
- 4) The static modifier can only be applied to a primitive value.

Question 9.

```
public class Test {
    static int age;
    public static void main (String args []) {
        age = age + 1;
        System.out.println("The age is " + age);
    }
}
```

- A. Compiles and runs with no output
- B. Compiles and runs printing out *The age is 1*
- C. Compiles but generates a runtime error
- D. Does not compile
- E. Compiles but generates a compile time error

Select the most appropriate answer.

Question 10.

What is the output for the following code?

```
class Torment{
  int i = 2;
  public static void main(String args[]){
   int i = 12;
    System.out.println(i);
  }
}
```

Options

- a. Compiler error , System.out.println (i) : can't make a static reference to a non static variable i
- b. Output = 2
- c. Output = 12
- d. Compiler error , i=12 : variable i is already defined in this class

Ouestion 11.

Consider the following class.

Which of the marked lines need to be commented out for the class to compile correctly?

```
class Evolve{
  static int i = 1;
  static int j = 2;
  int x = 3;
  static int y = 6;
  public static void main(String args[]){
    System.out.println(i + j);//---1
    System.out.println(x + i);//---2
    System.out.println(i + y);//---3
    System.out.println(x + j);//---4
};
Options:
   a. 1 & 2
                          b. 1,2 & 4
   c. 3 & 4
                          d. 2 & 4
   e. 1,2 & 3
```

Question 12.

```
class Teal {
    static boolean b1;
    public static void main(String[] args) {
        boolean[] array = new boolean[1];
        boolean b2;
        System.out.print(b1+",");
        System.out.print(array[0]+",");
        System.out.print(b2);
    }
}
```

What is the result of attempting to compile and run the program?

```
a. true,true,true
b. false,false,false
c. null,null
e. Compiler Error.

b. false,false,false
d. false,true,false
f. Runtime Error.
```

Question 13.

```
class Myclass{
    static int value;
    Myclass() {
        value++;
    }
    void printValue() {
            System.out.print(value+" ");
    }
} class Demo {
    public static void main(String args[]) {
            Myclass c1=new Myclass();
            Myclass c2=new Myclass();
            Myclass c3=new Myclass();
            c1.printValue();
            c2.printValue();
            c3.printValue();
        }
}
```

What is the result of attempting to compile and run the program?

```
a. Prints 0 0 0
b. Prints 1 2 3
c. Prints 3 3 3
d. Prints 0 1 2
e. Compile Error
f. None of the above
```

```
program?
class Red {
                                                                     a. Prints: [a,0],[b,1],1,0,0,2
                                                                                                      b. Prints: [a,1],[b,2],0,2,0,2
   int a;
                                                                     c. Prints: [a,1],[b,0],0,0,0,2
                                                                                                      d. Prints: [a,2],[b,1],0,0,1,2
   static int b;
                                                                     e. Runtime error
                                                                                                      f. Compiler error
                                                                     g. None of the above
   public static void main (String[] in) {
       Red r1 = new Red();
       Red r2 = new Red();
                                                                     Question 18.
       r1.a++;
                                                                     class A {
      r1.b++;
                                                                        static int m(int i) {
       System.out.print(r1.a+", "+r1.b+", "+ r2.a+", "+r2.b);
                                                                            System.out.print(i + ",");
                                                                            return 0;
What is the result of attempting to compile and run the
                                                                         public static void main (String[] args) {
program?
                                                                            int i = 0;
   a. Prints: 0, 0, 0, 0
                              b. Prints: 1, 1, 1, 0
                                                                            i = i ++ + m(i);
   c. Prints: 1, 1, 0, 0
                              d. Compiler Error
                                                                            System.out.print(i);
   e. Prints: 0, 1, 1, 1
                             f. Prints: 1, 1, 0, 1
                                                                        }
   g. Prints: 1, 1, 1, 1
                             h. Run time Exception
                                                                     What is the result of attempting to compile and run the
                                                                     program?
Question 15.
                                                                        a. Prints: 0,0
                                                                                                   b. Prints: 1,0
class Basics {
                                                                        c. Prints: 0,1
                                                                                                   d. Prints: 1,1
  static int x = 1;
                                                                                                   f. Compiler error
                                                                            Runtime error
  static int y = 2;
                                                                            None of the above
  public static void main (String[] args) {
    System.out.println(x+y);
                                                                     Question 19.
                                                                     class M {
                                                                        static int m(int i) {
What is the result of attempting to compile and run the
                                                                            System.out.print(i + ", ");
program?
                                                                            return i;
   a. Prints: 12
                          b. Prints: 12
   c. Prints: 3
                          d. Runtime Exception
                                                                        public static void main(String s[]) {
   e. Compiler Error
                                                                            int j = m(++i) + m(++i) * m(++i) % m(++i) + m(++i);
                                                                            System.out.print(j % 5);
Question 16.
Given:
1. class Voop {
                                                                     What is the result of attempting to compile and run the
2. public static void main(String [] args) {
                                                                     program?
3.
     doStuff(1);
                                                                        a. Prints: 1,2,3,4,5,1
                                                                                                   b. Prints: 1,2,3,4,5,2
4.
    doStuff(1,2);
                                                                        c. Prints: 1,2,3,4,5,3
                                                                                                   d. Prints: 1,2,3,4,5,4
5. }
                                                                        e. Prints: 1,2,3,4,5,5
                                                                                                   f. Compiler error
6. // insert code here
7. }
                                                                     Ouestion 20.
Which, inserted at line 6, will compile?
(Choose all that apply.)
                                                                     class A {
         static void doStuff(int... doArgs) { }
                                                                        static byte m1() {
  A).
         static void doStuff(int[] doArgs) { }
                                                                            final char c = b'-a':
  B).
         static void doStuff(int doArgs...) { }
  C).
                                                                            return c;
                                                                                                         // 1
  D).
         static void doStuff(int... doArgs, int y) { }
                                                                        }
  E).
         static void doStuff(int x, int... doArgs) { }
                                                                        static byte m2() {
  F).
         None of the above code fragments will compile.
                                                                            final short s = 2;
                                                                                                          //2
                                                                            return s;
Ouestion 17.
                                                                        static byte m3(final char c) {
class DemoClass {
                                                                                                          // 3
                                                                               return c;
   static int m(int i, String s) {
       System.out.print("["+s+","+i+"]"+",");
                                                                         static byte m4(final short s) {
       return i;
                                                                               return s;
                                                                                                          // 4
   public static void main (String[] args) {
                                                                        public static void main(String[] args) {
       int i = 0;
                                                                            char c = 'd'-'a';
       int a[] = \text{new int}[3];
                                                                            short s = 4;
       a[m(i++,"a")] = m(i++,"b");
                                                                            System.out.print(""+m1()+m2()+m3(c)+m4(s));
       System.out.print(a[0]+","+a[1]+","+a[2]+","+ i);
```

S

What is the result of attempting to compile and run the

Ouestion 14.

}

What is the result of attempting to compile and run the program?

```
a. Prints: 1234
b. Prints: 10
c. Compiler Error at 1.
e. Compiler Error at 3
g. Runtime Error
b. Prints: 10
d. Compiler Error at 2
f. Compiler Error at 4.
h. None of the Above
```

Question 21.

```
class Red12 {
   Red12() {
       System.out.print("Constructor ");
   }
   static {
       System.out.print("Static ");
   }
   {
       System.out.print("Instance ");
   }
   public static void main(String args[]) {
       Red12 red = new Red12();
   }
}
```

What is the result of attempting to compile and run the program?

- a. Instance Static Constructor
 c. Constructor Instance Static
 e. Static Instance Constructor
 f. Instance Constructor Static
- Question 22.

```
class Blue {
    Blue() {
        System.out.print("Constructor ");
    }
    static {
        System.out.print("Static ");
    }
    public static void main(String args[]) {
        System.out.print("Main ");
        Blue blue = new Blue();
    }
}
```

What is the result of attempting to compile and run the program?

- a. Constructor Static Main
 c. Main Constructor Static
 e Static Constructor Main

 b Static Main Constructor
 d. Main Static Constructor
 f. Constructor Main Static
- **Ouestion 23.**

```
public class MyArt{
  public static void main(String argv[]) {
     MyArt m = new MyArt();
     m.amethod();
  }
  public void amethod(){
     static int i;
     System.out.println(i);
     }
}
```

What will happen when you attempt to compile and run the program

- a. Compilation and output of the value 0
- b. Compile time error because i has not been initialized
- c. Compilation and output of null
- d. Compile time error

Ouestion 24.

```
What is the output of the following code?
class Test{
   Test(int i){
      System.out.print("Test("+i+")");
class Globle {
   static Test t1 = new Test(1);
   Test
            t2 = new Test(2);
   static Test t3 = new Test(3);
  public static void main(String[] args){
   Globle Q = \text{new Globle}();
What is the result of attempting to compile and run the
program?
   a. Test(1) Test(2) Test(3) b. Test(3) Test(2) Test(1)
   a. Test(3) Test(3) Test(3) b. Test(1) Test(3) Test(2)
   e. Compile Error
                               f. None of the above
Ouestion 25.
class M {
```

```
static int m(int i) {
    System.out.print(i + ", ");
    return i;
    }
    public static void main(String s[]) {
        m(m(1) + m(2) % m(3) * m(4));
    }
}
```

What is the result of attempting to compile and run the program?

```
a. Prints: 1, 2, 3, 4, 0,
c. Prints: 1, 2, 3, 4, 9,
e. Compiler error d. Prints: 1, 2, 3, 4, 12,
d. Prints: 2, 3, 4, 1, 3,
f. None of the above
```

Ouestion 26.

Compile time errors are generated at which lines?

- a. line 1 b. line 2 c. line 3 d. line 4
- e. Compile and run the program without error

```
Ouestion 27.
                                                                   Ouestion 30.
class MyClass {
                                                                   Given the following code,
   int value;
                                                                   What will be output?
                                                                   class Pass {
      System.out.print("Instance Block: "+value)+ " ");
                                                                     static int j=20;
      value++;
                   //Line 10
                                                                     public static void main(String argv[]){
                                                                        int i=10;
   MyClass(){
                                                                       Pass p = new Pass();
      System.out.print("Constructor: "+value+" ");
                                                                       p.amethod(i);
      value++;
                   //Line 11
                                                                       System.out.println(i);
                                                                       System.out.println(j);
class Demo{
                                                                    public void amethod(int x){
   public static void main(String s[]) {
                                                                      x=x*2;
      MyClass c1=new MyClass();
                                                                       j=j*2;
      System.out.println("Main Method: "+c1.value);
   }
                                                                   } a. 20 and 40
                                                                                                    b.
                                                                                                                10 and 40
                                                                     c. 10, and 20
                                                                                         d. 20 and 20
What is the result of attempting to compile & run the
                                                                     e. Error: amethod parameter does not match variable
program?
   a. Constructor 0
                          Instance block 1 Main Method 2
                                                                   Ouestion 31.
   b. Instance block 1
                          Constructor 0
                                            Main Method 2
                                                                   class B {
   c. Instance block 0
                          Constructor 1
                                            Main Method 2
                                                                     static int m1(byte b) {
   d Compile Error at line 10
                                                                                                               // 1
                                                                       return b;
   e. Compile Error at line 11
                                                                     static int m2(char c) {
Question 28.
                                                                                                               //2
                                                                       return c;
1: class Queue
2:
    {
                                                                     static int m3(short s) {
3:
      int i = 20;
                                                                                                               // 3
                                                                        return s;
4:
      static
5:
                                                                     static int m4(long l) {
6:
         int i = 10;
                                                                         return 1;
                                                                                                               // 4
7:
8:
                                                                     static int m5(float f) {
9.
      public static void main(String[] args)
                                                                                                               // 5
                                                                       return f;
10:
11:
          Queue a = new Queue();
                                                                     public static void main(String[] args) {
12:
          System.out.println(a.i);
                                                                       byte b = 1;
13:
                                                                       char c = 'c'-'a';
14:
                                                                       short s = 3:
What is the result of attempting to compile & run the
                                                                       long l = 4L;
                                                                       float f = 5.0f:
    A. Compilation error, variable "i" declared twice.
                                                                       System.out.print(""+m1(b)+m2(c)+m3(s)+m4(1)+m5(f));
    B. Compilation error, static initializers for initialization
       purpose only.
    C. Prints 10.
                                                                   What is the result of attempting to compile and run the
    D. Prints 20.
                                                                   program?
                                                                   a. Prints: 12345
                                                                                                     b. Prints: 12345.0
Question 29.
                                                                   c. Prints: 15
                                                                                                    d. Prints: 15.0
                                                                   e. Compiler Error at 1.
                                                                                                    f. Compiler Error at 2.
class M {
                                                                   g. Compiler Error at 3.
                                                                                                    h. Compiler Error at 4.
   static int m(int i) {
                                                                   i. Compiler Error at 5.
                                                                                                    j. Runtime Error
      System.out.print(i + ", ");
      return i;
                                                                   Question 32.
   public static void main(String s[]) {
                                                                   class MyClass {
      m(m(1) + m(2) \% m(3) * m(4));
                                                                    static int i;
                                                                    public static void main(String argv[]){
                                                                      System.out.println(i);
What is the result of attempting to compile and run the
program?
  a. Prints: 1, 2, 3, 4, 0,
                                b. Prints: 1, 2, 3, 4, 12,
                                                                   What will happen when you compile and run the following
  c. Runtime error
                                d. Prints: 1, 2, 3, 4, 3,
  e. Prints: 2, 3, 4, 1, 9,
                               f. Compiler error
                                                                   a. Error Variable i may not have been initialized
```

b. Prints null

c. Prints 1

d. Prints 0

h. Prints: 2, 3, 4, 1, 3,

g. Prints: 1, 2, 3, 4, 9,

i. None of the above

Ouestion 33.

What will happen when you compile and run the following code?

- a. Compie Error at line 1 b. Compie Error at line 2
- c. Compie Error at line 3 c. Compie Error at line 4
- e. The program will compile without erros

Question 34.

Examine the following class definition:

```
class Test {
    static void test() {
        print();
    }
    static void print() {
        System.out.println("Test");
    }
    void print() {
        System.out.println("Another Test");
    }
}
```

What is the result of compiling this class?

- A. A successful compilation.
- B. A warning stating that the class has no main method.
- C. An error stating that there is a duplicated method.
- D. An error stating that the method test() will call one or other of the print() methods.

Ouestion 35.

```
class MyClss {
    static void myMethod(int i) {
        System.out.print("m(int)");
    }
    void myMethod(float f) {
        System.out.print("m(float)");
    }
    public static void main(String []args) {
        MyClss c1=new MyClss();
        //Insert code here Line 12
    }
}
```

Which of the following code fragment could be inserted at line 12 and still allow the code to compile?

```
a. c1.myMethod(100);
```

- b. c1.myMethod(1.5f);
- c. MyClss.myMethod(1.5f);
- d. c1.myMethod((int)1.5f);
- e. MyClss.myMethod(100);
- f. new MyClass().myMethod(1.0f);

Ouestion 36.

Which of the following statements are true?

- a. A static method is also known as a class method.
- b. A class method is not associated with a particular instance of the class.
- The keyword "this" can not be used inside the body of a static method.
- d. The keyword "super" may be used in the body of a static method.
- e. A method that is not static is known as an instance method
- f. None of the above.

Question 37.

```
class TestArray{
  public static void main(String args[]){
    int tot=0;
    int x[]={1,2,3,4,5};
    for(int y:x){
        tot +=y;
    }
    System.out.print(tot);
}
```

What is the result of attempting to compile & run the program?

- a. 12345
- b. 15
- c. Compile time error
- d. Run time error
- e. None of the above

Question 38.

If arr[] contains only positive integer values,

What does this function do?

```
int guessWhat( int arr[] ) {
  int x= 0;
  for( int i = 0; i < arr.length; i++ )
    x = x < arr[i] ? arr[i] : x;
  return x;</pre>
```

- a) Returns the index of the highest element in the array
- b) Returns true/false if there are any elements that repeat in the array
- c) Returns how many even numbers are in the array
- d) Returns the highest element in the array
- e) Returns the number of question marks in the array

Question 39.

Which of the following statements are true?

- a. The elements in a Java array can only be of primitive types, not objects
- Arrays are initialized to default values wherever they are created
- c. An array may be dynamically resized using the setSize method
- d. You can find out the size of an array using the size method

Ouestion 40.

```
class Blue {
 public static void main (String[] args) {
  String s = null:
  System.out.print(s);
```

What is the result of attempting to compile and run the program?

- a. Prints nothing.
- b. Prints: null
- c. Compiler error
- d. Runtime error

Question 41.

You have a public class called myclass with the main method defined as follows

```
public static void main(String parm[]){
  System.out.println(parm[0]);
```

If you attempt to compile the class and run the program as follows,

java myclass hello

What will happen?

- 1) Compile time error, main is not correctly defined
- 2) Run time error, main is not correctly defined
- 3) Compilation and output of java
- 4) Compilation and output of hello

Ouestion 42.

What will happen when you attempt to compile and run the following code with the command line "hello there"?

```
class Arg{
  String[] MyArg;
  public static void main(String argv[]){
     MyArg=argv;
  void amethod(){
     System.out.println(argv[1]);
1) Compile time error
```

- 2) Compilation and output of "hello"
- 3) Compilation and output of "there"
- 4) None of the above

Ouestion 43.

Given the following main method in a class called Cycle and a command line of

java Cycle one two

What will be output?

public static void main(String bicycle[]){ System.out.println(bicycle[0]);

- 1) None of these options
- 2) cycle
- 3) one
- 4) two

Ouestion 44.

What will be printed out if this code is run with the following command line?

```
java myprog good morning
```

```
class myprog{
  public static void main(String argv[]){
    System.out.println(argv[2])
   1)
        myprog
```

- 2) good
- 3) morning
- 4) Exception

ArrayIndexOutOfBoundsException: 2

Question 45.

```
Given the following code
```

```
class Sytch{
  int x=2000;
  public static void main(String argv[]){
    System.out.println("Ms "+argv[1]+"Please pay $"+x);
```

What will happen if you attempt to compile and run this code with the command line?

java Sytch Jones Diggle

- 1) Compilation and output of Ms Diggle Please pay \$2000
- 2) Compile time error
- 3) Compilation and output of Ms Jones Please pay \$2000
- 4) Compilation but runtime error

Question 46.

If MyProg.java were compiled as an application and then run from the command line as:

java MyProg I like tests

What would be the value of args[1] inside the main() method?

- a) MyProg
- b) "I"
- c) "like"
- d) 3
- f) null until a value is assigned

Ouestion 47.

```
class Test {
   int[] array;
   //Constructors code
```

Select valid constructors for class "Test".

```
a. Test(){}
b. Test(int i){array=i;}
c. Test(int[] x){array=x;}
d. Test(int n){array=new int[n];}
e. Test(int[] ar){
      array=new int[ar.length];
      for(int i=0;i<ar.length;i++){
          array[i]=ar[i];
```

```
Ouestion 48.
```

```
class Vehicle {
  String name, color, brand;
  int price, year;
  Vehicle(String n, String b, String c, int p, int y) {
      name=n; brand=b; color=c; price=p; year=y;
class Car{
  String name, color, brand;
  int price, year;
  void ValueOfVehicle(.....){
      // .....
  void printDetails(){
      System.out.println(name+" "+brand+" "+color+"
"+price+" "+year);
class DemoVehicle{
  public static void main(String args[]){
      Vehicle v=new
Vehicle("Toyota", "Corolla", "Red", 2000000, 2001);
      Car c=new Car(); c. ValueOfVehicle(v); c.printDetails();
To display the following output, complete the above
```

To display the following output, complete the above program.

"Output: Toyota Corolla 2000000 2001"

Ouestion 49.

```
class Test{
    static int m(int i, String s) {
        System.out.print("["+s+","+i+"]"+",");
        return i;
    }
    public static void main (String[] args) {
        int i = 0;
        int a[] = new int[3];
        a[m(i++,"a")] = m(i++,"b");
        System.out.print(a[0]+","+a[1]+","+a[2]+","+i);
    }
}
```

What is the result of attempting to compile and run the program?

- a. Prints: [a,0],[b,1],1,0,0,2 b. Prints: [a,1],[b,2],0,2,0,2 c. Prints: [a,1],[b,0],0,0,0,2 d. Prints: [a,2],[b,1],0,0,1,2 e. Runtime error
- f. Compiler error
- g. None of the above

Ouestion 50.

```
class Student{
  String name;
  int age:
  int[] marks=new int[4];//array for 4 subjectes
  * Insert code here
  */
  void printDetail(){
    System.out.print(getName()+"\t");
    for(int i:marks){
      System.out.print(i+"\t");
    }
  System.out.println(max()+"\t"+min()+"\t"+total()+"\t"+grade(
));
class DemoStudent{
  public static void main(String args[]){
    Student s1=new Student()://Default constructor
    Student s2=new Student()://Default constructor
    Student s3=new Student("Nimal"):
    Student s4=new Student("Nimal",20);//constructor to Set
Name and age
    Student s5=new Student("Amila",21,new
int[]{34,23,87,67,87,89});
    s1.setStudentDetail("Samila",18,new int[]{98,78,65,67});
    s2.setStudentDetail(s5);//copy detail from student s5
    s2.setName("Wimal");//change name
    s3.setAge(22);
    s3.setMarks(98,67,65,78);
    int[] marks=new int[]{98,78,90,98};
    s4.setMarks(marks);
    s1.printDetail();
    s2.printDetail();
    s3.printDetail();
    s4.printDetail();
    s5.printDetail();
Complete above program.
```