1.

package pack1;

public class A

{

private int x = 50;

protected int y = 100;

int z = 200;

}

package pack2;

import pack1.A;

public class B extends A {

}

import pack2.B;

public class Test {

public static void main(String[] args)

{

B b = new B();

System.out.println(b.x);

System.out.println(b.y);

System.out.println(b.z);

}

}

Answer:

1. 50 100 200
2. 50 50 100
3. 100 200 200
4. Compile time error

**Ans) d. Compile Time Error**

**Private variables are accessible from their class only and cannot be accessed from other classes**

2.class A

{

{

System.out.println(1);

}

}

class B extends A

{

{

System.out.println(2);

}

}

class C extends B

{

{

System.out.println(3);

}

}

public class MainClass

{

public static void main(String[] args)

{

C c = new C();

}

}

1. 1 1 1
2. 1 2 3
3. Compile time error
4. 3

**Ans) b. 1 2 3**

**class B extends A which means all the features of class A are inherited by class B , and now class C extends B therefore all the features of class B are now inherited by class C.**

3.

public class Baz extends Foo, Bar{

int n = 50;

int m = 10;

public static void main(String[] args)

{

Foo p = new Bar();

System.out.println(p.n);

}

}

1. 50
2. 10
3. Compile time error
4. None of these

**Ans) c. compile time error**

**Java doesn’t support multiple inheritance.**

4. Write a java program to find out below problem, in a small company, the average salary of three employees is Rs10000 per week. If one employee earns Rs11000 and other earns Rs5000, how much will the third employee earn?

5. Write a menu driven program to accept user input and display 1 for Monday 2 for Tuesday and so on. 6 & 7 will be displayed as weekend. Continue the output until condition get dissatisfy.