

**TNS FOUNDATION C2TC
TECHNICAL
TRAINING**

ASSIGNMENT-1

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COLLEGE NAME : SMIT
YEAR :FINAL YEAR**

1. Write a java program - create a class name as animal, create 3 objects, create 3 attributes, and create 3 methods?

PROGRAM:

```
class Animal {
    public void eat()
    {
        System.out.println("eat method");
    }
    public void sleep()
    {
        System.out.println("sleep method");
    }
}
class Bird extends Animal{
    @Override
    public void eat() {
        super.eat();
        System.out.println("override eat");
    }

    @Override
    public void sleep() {
        super.sleep();
        System.out.println("override sleep");
    }

    public void fly()
    {
        System.out.println("in fly method");
    }
}
class Animals{
```

```

        public static void main(String[] args) {
            Animal a =new Animal();
            Bird b = new Bird();
            a.eat();
            a.sleep();
            b.eat();
            b.sleep();
            b.fly();
        }
    }
}

```

OUTPUT:

Main.java	Output
<pre> 1- class Animal { 2- public void eat() 3- { 4- System.out.println("eat method"); 5- } 6- public void sleep() 7- { 8- System.out.println("sleep method"); 9- } 10- } 11- } 12- } 13- class Bird extends Animal{ 14- @Override 15- public void eat() { 16- super.eat(); 17- System.out.println("override eat"); 18- } 19- @Override 20- public void sleep() { 21- super.sleep(); 22- System.out.println("override sleep"); 23- } 24- public void fly() 25- { 26- System.out.println("in fly method"); 27- } 28- } 29- } 30- class Animals{ 31- public static void main(String[] args) { 32- Animal a =new Animal(); 33- Bird b = new Bird(); 34- a.eat(); 35- a.sleep(); 36- b.eat(); 37- b.sleep(); 38- b.fly(); 39- } 40- } 41- } 42- } 43- } </pre>	<pre> java -cp /tmp/mwINDvn5Ny Animals eat methodsleep method eat method override eat sleep method override sleep in fly method </pre>

2. Write a java program - using for loop/condition to print the helloworld program, if it is a input is less than 10 then print hello world for many times

PROGRAM:

```
public class HelloWorld {
    public static void main(String[] args) {
        for (int i = 0; i < 10; i++) {
            System.out.println("Hello World");
        }
    }
}
```

OUTPUT:

[illegible]

