ASSIGNMENT-17

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```java
package com.vs4u;

abstract class Animal{

    abstract void makeSound();

    void eat() {
        System.out.println("This animal eats food");
    }
}

abstract class Dog extends Animal{

    abstract void Dog();
}

public class Forest extends Dog {

    @Override
    void makeSound() {
        System.out.println("cat Meows");
    }

    @Override
    void Dog() {
        System.out.println("Dog barks");
    }

    public static void main(String[] args) {

        Forest f = new Forest();

        f.makeSound();
        f.Dog();
        f.eat();

    }
}
```

Console output:
```
<terminated> Forest (1) [Java Applic
cat Meows
Dog barks
This animal eats food
```



```java
package com.vs4u;

abstract class Food
{

    Food(){
        System.out.println("Idly");
    }
}

class Dosa extends Food
{

    Dosa()
    {
        System.out.println("1 Plate dosa!........Parcel ");
    }
}

public class Hotel {

    public static void main(String[] args) {

        Dosa d = new Dosa();


    }
}
```

Console output:
```
<terminated> Hotel [Java Application] C:\Program Files\Ja
Idly
1 Plate dosa!........Parcel
```