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Example of abstraction:

```
interface Animal {  
    void makesound();  
    void eat();  
}
```

```
class Dog implements Animal {  
    public void makeSound() {  
        System.out.println("Dog barks : woof woof!");  
    }
```

```
    public void eat() {  
        System.out.println("Dog eats bones.");  
    }  
}
```

```
class cat implements Animal {  
    public void makeSound() {  
        System.out.println("cat meows : meow meow");  
    }
```

```
    public void eat() {  
        System.out.println("cat eats fish");  
    }  
}
```

```
public class abstraction {  
    public static void main(String args[]) {  
        Animal dog = new Dog();  
        Animal cat = new Cat();  
        dog.makeSound();  
        dog.eat();  
        cat.makeSound();  
        cat.eat();  
    }  
}
```