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### Experiment # 12: Aggregation and composition

Write java code that illustrates aggregation. Write a new Java code that transforms the aggregation of the previous code(Experiment 11) into a composition.

```
package PracticingStaticAndDynaicPolymorphism;
```

```
public class Engine {  
    public void start(){  
        System.out.println("Engine is starting....");  
    }  
}
```

```
package PracticingStaticAndDynaicPolymorphism;
```

```
public class Car {  
    private Engine engine;  
  
    // Agreegiation  
    public Car (Engine engine){  
        this.engine = engine;  
    }  
  
    //Compositio  
    public Car(){  
        this.engine = new Engine();  
    }  
    public void drive(){  
        System.out.println("Car is driving...");  
        engine.start();  
    }  
}
```



```
}  
}  
  
package PracticingStaticAndDynaicPolymorphism;
```

```
public class CompositionExample {  
    public static void main(String[] args) {  
        Car car = new Car();  
        car.drive();  
    }  
}
```

```
package PracticingStaticAndDynaicPolymorphism;
```

```
public class AggregationExample {  
    public static void main(String[] args) {  
        Engine engine = new Engine();  
        Car car = new Car(engine);  
        car.drive();  
    }  
}
```