ENUM TYPES

In this coding exercise, you will develop a Java program to represent an Chasis Types of desktop computers. You will need to build Java classes, enum types, nested enum types. In this coding exercise you will not be given what you will do step by step. You will be given a main method that has some statements and its output which will help you develop missing classes classes. Also you will be given an incomplete enum and an incomplete class.

1. The main method

```java
public class Main {

    public static void main(String[] args) {

        ChasisTypes.Vertical[] verticals = ChasisTypes.Vertical.values();
        for(ChasisTypes.Vertical vertical: verticals){
            System.out.println(vertical.chasis);
            vertical.printVolume();
        }
    }
}
```

2. The output of the main method

```
Chasis{width=25, length=35, height=70}
com.company.ChasisTypes.Vertical:FULL_TOWER:61250
Chasis{width=25, length=35, height=50}
com.company.ChasisTypes.Vertical:MID_TOWER:43750
Chasis{width=25, length=35, height=40}
com.company.ChasisTypes.Vertical:MINI_TOWER:35000
```

3. The output of the main method

```java
enum ChasisTypes {
    ;
    enum Vertical {

        Chasis chasis;

        abstract void printVolume();
    }
}

class Chasis {
    int width;
    int length;
    int height;

    public Chasis(int width, int length, int height) {
        this.width = width;
        this.length = length;
        this.height = height;
    }

    public int getVolume() {
        return width * length * height;
    }
}
```

```java
    @Override
    public String toString() {

    }
}
```