1.

import java.awt.Color;

public class JavaBank {

    public static final Color COMPANY\_COLOR = new Color(173, 216, 230);

    public static void main(String[] args) {

        RoadBike bike1 = new RoadBike();

        MountainBike bike2 = new MountainBike();

        bike1.setHandleBars("Drop");

        bike1.setTyreWidth("23mm");

        bike1.setPostHeight("22");

        bike1.setPostHeight("20");

        System.out.println("Bike1 Make: " + RoadBike.MAKE);

        System.out.println("Bike1 HandleBars: " + bike1.getHandleBars());

        System.out.println("Bike1 Tyre Width: " + bike1.getTyreWidth());

        System.out.println("Bike1 Post Height: " + bike1.getPostHeight());

    }

}

interface BikeParts {

    String MAKE = "Oracle Bikes";

    String getHandleBars();

    void setHandleBars(String newValue);

    String getTyres();

    void setTyres(String newValue);

    String getSeatType();

    void setSeatType(String newValue);

}

interface MountainParts {

    String TERRAIN = "off\_road";

    String getSuspension();

    void setSuspension(String newValue);

    String getType();

    void setType(String newValue);

}

interface RoadParts {

    String TERRAIN = "track\_racing";

    String getTyreWidth();

    void setTyreWidth(String newValue);

    String getPostHeight();

    void setPostHeight(String newValue);

}

class Bike implements BikeParts {

    private String handleBars;

    private String tyres;

    private String seatType;

    @Override

    public String getHandleBars() {

        return handleBars;

    }

    @Override

    public void setHandleBars(String newValue) {

        this.handleBars = newValue;

    }

    @Override

    public String getTyres() {

        return tyres;

    }

    @Override

    public void setTyres(String newValue) {

        this.tyres = newValue;

    }

    @Override

    public String getSeatType() {

        return seatType;

    }

    @Override

    public void setSeatType(String newValue) {

        this.seatType = newValue;

    }

}

class MountainBike extends Bike implements MountainParts {

    private String suspension;

    private String type;

    @Override

    public String getSuspension() {

        return suspension;

    }

    @Override

    public void setSuspension(String newValue) {

        this.suspension = newValue;

    }

    @Override

    public String getType() {

        return type;

    }

    @Override

    public void setType(String newValue) {

        this.type = newValue;

    }

}

class RoadBike extends Bike implements RoadParts {

    private String tyreWidth;

    private String postHeight;

    @Override

    public String getTyreWidth() {

        return tyreWidth;

    }

    @Override

    public void setTyreWidth(String newValue) {

        this.tyreWidth = newValue;

    }

    @Override

    public String getPostHeight() {

        return postHeight;

    }

    @Override

    public void setPostHeight(String newValue) {

        this.postHeight = newValue;

    }

}

Output:

