class Bicycle

{

public int gear;

public int speed;

public Bicycle(int gear, int speed)

{

this.gear = gear;

this.speed = speed;

}

public void applyBrake(int decrement)

{

speed -= decrement;

}

public void speedUp(int increment)

{

speed += increment;

}

public String toString()

{

return("No of gears are " + gear + "\n" + "speed of bicycle is " + speed);

}

}

class MountainBike extends Bicycle

{

public int seatHeight;

public MountainBike(int gear,int speed,int startHeight)

{

super(gear, speed);

seatHeight = startHeight;

}

public void setHeight(int newValue)

{

seatHeight = newValue;

}

@Override

public String toString()

{

return (super.toString()+

"\nseat height is "+seatHeight);

}

}

public class Inheritance

{

public static void main(String args[])

{

MountainBike mb = new MountainBike(3, 100, 25);

System.out.println(mb.toString());

}

}