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Batch : A

Assignment No 6 - Write a Java program to calculate area and volume by using Inheritance which will demonstrate the single inheritance , super method.

```
class dimension {  
    int l;  
    int b;  
  
    dimension(int t, int v) {  
        l = t;  
        b = v;  
    }  
  
    int area() {  
        return (l * b);  
    }  
}
```

```
class Rectangle extends dimension {  
    int h;  
  
    Rectangle(int t, int v, int a) {  
        super(t, v);  
        h = a;  
    }  
}
```

```
}

int volume() {
    return (l * b * h);
}

}

public class single_inh {
    public static void main(String args[]) {
        Rectangle r = new Rectangle(10,20,30);
        int area1 = r.area();
        int volume1 = r.volume();
        System.out.println("Area=" + area1);
        System.out.println("Volume=" + volume1);
    }

}
```

OUTPUT

Area=200

Volume=6000