

20. The angles of a quadrilateral are in the ratio 3:4:5:6. Write a program to find and display all of its angles. [Hint: The sum of angles of a quadrilateral = 360°]

```
public class angle {  
    Run | Debug  
    public static void main(String[] args) {  
        int ratio_angle1 = 3, ratio_angle2 = 4, ratio_angle3 = 5, ratio_angle4 = 6;  
  
        int t_ratio = ratio_angle1 + ratio_angle2 + ratio_angle3 + ratio_angle4 ;  
  
        double degree_angle1 = (ratio_angle1*360)/t_ratio;  
        double degree_angle2 = (ratio_angle2*360)/t_ratio;  
        double degree_angle3 = (ratio_angle3*360)/t_ratio;  
        double degree_angle4 = (ratio_angle4*360)/t_ratio;  
  
        System.out.println("degree of angle1: "+degree_angle1);  
        System.out.println("degree of angle2: "+degree_angle2);  
        System.out.println("degree of angle3: "+degree_angle3);  
        System.out.println("degree of angle4: "+degree_angle4);  
    }  
}
```

Output:

```
degree of angle1: 60.0  
degree of angle2: 80.0  
degree of angle3: 100.0  
degree of angle4: 120.0
```