

```

import java.util.*;
class Cricket
{
    int c_id,total,strike;
    String c_name,specialization,category;
    int score[]=new int[5];
    Cricket()
    {
        c_id=0;
        c_name=null;
        specialization=null;
        total=0;
        strike=0;
        category=null;
    }
    Scanner sc=new Scanner(System.in);
    void getdata()
    {
        System.out.println("enter cricketer id = ");
        c_id=sc.nextInt();
        System.out.println("enter cricketer name = ");
        c_name=sc.next();
        System.out.println("enter cricketer specialization =
");
        specialization=sc.next();
        System.out.println("enter cricketer score = ");
        for(int i=0;i<5;i++)
        {
            score[i]=sc.nextInt();
        }
    }
    void calculate()
    {
        for(int i=0;i<5;i++)
        {
            total=total+score[i];
        }
        strike=(total*100)/500;
    }
    void category()
    {
        if(strike>90)
        {
            category="PLATINUM";
        }
        else if(strike>70 && strike<90)
        {
            category="GOLD";
        }
        else
        {
            category="SILVER";
        }
    }
}

```

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        }
    }
    void display()
    {
        System.out.println("-----");
        System.out.println("-----");
        System.out.println("enter cricketer id = "+c_id);
        System.out.println("enter cricketer name = "+c_name);
        System.out.println("enter cricketer specialization = "+specialization);
        System.out.println("enter cricketer score = ");
        for(int i=0;i<5;i++)
        {
            System.out.println(score[i]);
        }

        System.out.println("-----");
        System.out.println("-----");
        System.out.println("enter cricketer total score is = "+total);
        System.out.println("enter cricketer strike rate is = "+strike);
        System.out.println("enter cricketer category is = "+category);

        System.out.println("-----");
        System.out.println("-----");
    }
}
class p11
{
    public static void main(String args[])
    {
        Cricket c=new Cricket();
        c.getdata();
        c.calculate();
        c.category();
        c.display();
    }
}

```