Name – Dnyaneshvaree Gavhal

Roll No - 19

Practical No – 6

```java
class Player
{
    String name;
    int age;
    Player(String n,int a)
    {
        name=n;
        age=a;
    }
    void display()
    {
        System.out.println("Name = "+name);
        System.out.println("Age = "+age);
    }
    public static void main(String[] args) {
        Player p1 = new Cricket_player("Ram",20,"Cricket Player");
        p1.display();
        Player p2 = new Football_player("John",21,"Football Player");
        p2.display();
        Player p3 = new Hockey_player("Sham",20,"Hockey Player");
        p3.display();
    }
}
class Cricket_player extends Player
{
    String type;
    Cricket_player(String name,int age, String player_type)
```

```java
    {
        super(name,age);
        type = player_type;
    }
    void display()
    {
        System.out.println("Name = "+name);
        System.out.println("Age = "+age);
        System.out.println("Player type = "+type);
    }
}


class Football_player extends Player
{
    String type;
    Football_player(String name,int age, String player_type)
    {
        super(name,age);
        type = player_type;
    }
    void display()
    {
        System.out.println("Name = "+name);
        System.out.println("Age = "+age);
        System.out.println("Player type = "+type);
    }
}


class Hockey_player extends Player
{
    String type;
```

```java
    Hockey_player(String name,int age, String player_type)
    {
      super(name,age);
       type = player_type;
    }
    void display()
    {
      System.out.println("Name = "+name);
      System.out.println("Age = "+age);
      System.out.println("Player type = "+type);
    }

}
```

Name = Ram

Age = 20

Player type = Cricket Player

Name = John

Age = 21

Player type = Football Player

Name = Sham

Age = 20

Player type = Hockey Player

=== Code Execution Successful ===