**Experiment N0.:-07**

**package inheritance;**

**import java.util.Scanner;**

**class Player{**

**String name;**

**int age;**

**String gameName;**

**int noOfGamesPlayed;**

**String address;**

**String type;**

**Scanner in=new Scanner(System.in);**

**void getDetails(){**

**System.out.println("Enter the details Name, Age, Address, Name of Game , No of Games Played and Type ");**

**name=in.nextLine();**

**age=in.nextInt();**

**in.nextLine();**

**address=in.nextLine();**

**gameName=in.nextLine();**

**noOfGamesPlayed=in.nextInt();**

**in.nextLine();**

**type=in.nextLine();**

**}**

**void display(){**

**System.out.println("Name: "+ name + " Age: " + age + " Game Name: " + gameName + " Total Matches: " + noOfGamesPlayed + " Address: " + address + " International or National: " + type );**

**}**

**}**

**class Cricket\_Player extends Player{**

**int totalRuns;**

**int totalWickets;**

**void getDetails(){**

**super.getDetails();**

**System.out.println("Enter the Total Runs and Wickets: ");**

**totalRuns=in.nextInt();**

**totalWickets=in.nextInt();**

**}**

**void display(){**

**super.display();**

**System.out.println("Total Runs: " + totalRuns + " Total Wickets: " + totalWickets);**

**}**

**}**

**class FootBall\_Player extends Player{**

**int noOfGoals;**

**void getDetails(){**

**super.getDetails();**

**System.out.println("Enter the total no of Goals: ");**

**noOfGoals=in.nextInt();**

**}**

**void display(){**

**super.display();**

**System.out.println("Total Goals: " + noOfGoals);**

**}**

**}**

**class Hockey\_Player extends Player{**

**int noOfGoals;**

**void getDetails(){**

**super.getDetails();**

**System.out.println("Enter the total no of Goals: ");**

**noOfGoals=in.nextInt();**

**}**

**void display(){**

**super.display();**

**System.out.println("Total Goals: " + noOfGoals);**

**}**

**}**

**public class inheritanceclass {**

**public static void main(String[] args) {**

**Cricket\_Player cp=new Cricket\_Player();**

**cp.getDetails();**

**cp.display();**

**FootBall\_Player fp=new FootBall\_Player();**

**fp.getDetails();**

**fp.display();**

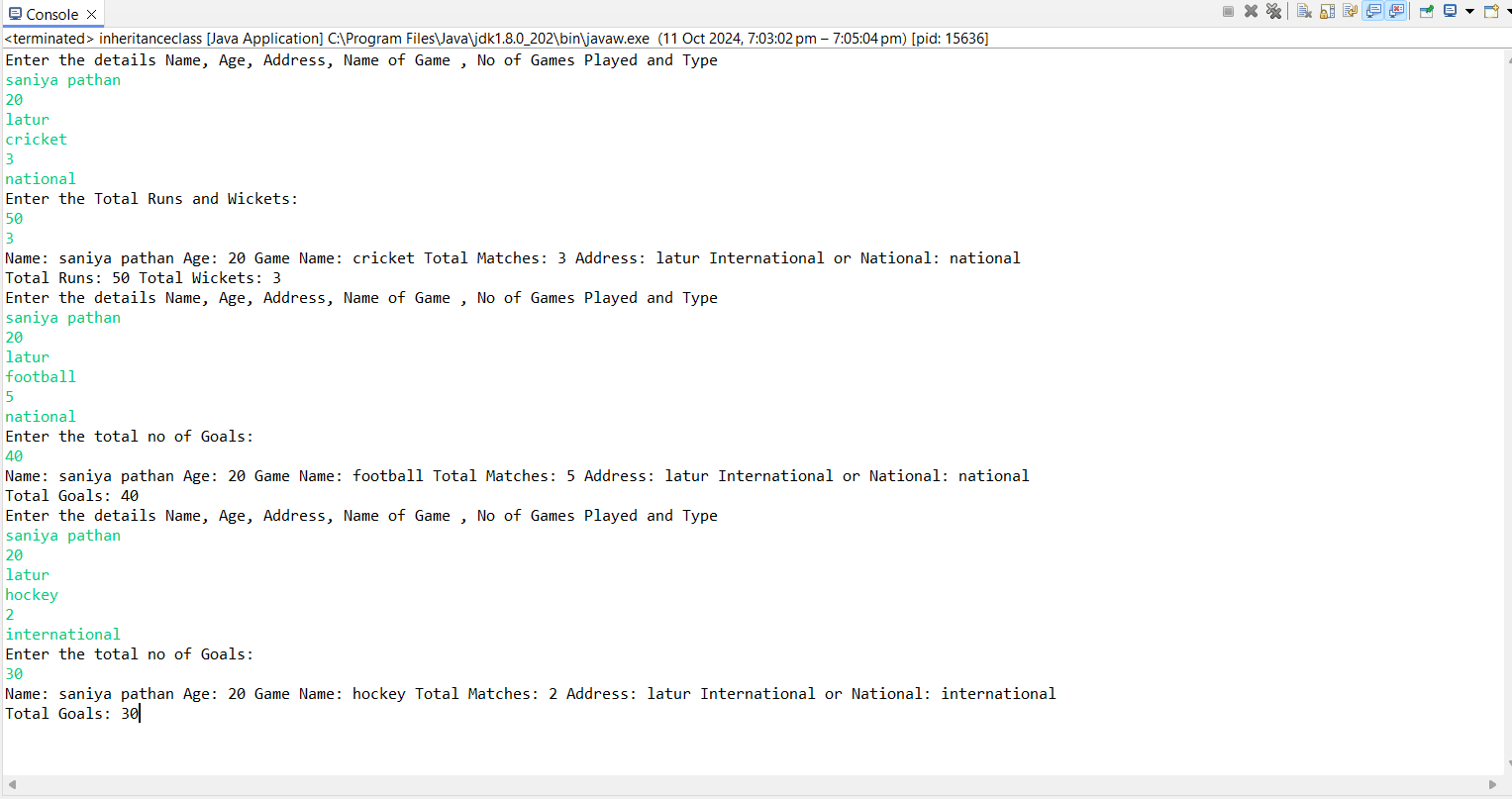
**Hockey\_Player hp=new Hockey\_Player();**

**hp.getDetails();**

**hp.display();**

**}**

**}**

****