Experiment No:-07

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# Program Code:-

class Player{ String name;

int ranking ,age;

Player(String name,int ranking,int ae){ this.name=name; this.ranking=ranking;

this.age=age;

}

void display(){

System.out.println("The name of the player is :"+name); System.out.println("The ranking of the player is :"+ranking); System.out.println("The age of the player is :"+age);

}

}

class CricketPlayer extends Player{ String game;

String role;

CricketPlayer(String name,int ranking,int age,String game,String role){ super(name,ranking,age);

this.game=game; this.role=role;

}

void display(){ super.display();

System.out.println("The game is :"+game); System.out.println("The role of player is :"+role);

}

}

class FootballPlayer extends Player{ String league;

String place;

FootballPlayer(String name,int ranking,int age,String league,String place){ super(name,ranking,age);

this.league=league; this.place=place;

}

void display(){ super.display();

System.out.println("The league is :"+league); System.out.println("The place of the league is :"+place);

}

}

class HockeyPlayer extends Player{ String league,position;

HockeyPlayer(String name,int ranking,int age,String league,String position){ super(name,ranking,age);

this.league=league; this.position=position;

}

void display(){ super.display();

System.out.println("The the league is :"+league); System.out.println("The position of the Player is :"+position);

}

}

public class TestPlayer{

public static void main(String [] args){

CricketPlayer c=new CricketPlayer("Sonal",1,20,"Cricket","Batsman"); c.display();

System.out.println();

FootballPlayer f=new FootballPlayer("Isha",2,19,"WWF","Daund");

f.display(); System.out.println();

HockeyPlayer h=new HockeyPlayer("Prasad",3,21,"IIL","India"); h.display();

}

}

# Output:

The name of the player is :Sonal The ranking of the player is :1 The age of the player is :0

The game is :Cricket

The role of player is :Batsman

The name of the player is :Isha The ranking of the player is :2 The age of the player is :0

The league is :WWF

The place of the league is :Daund

The name of the player is :Prasad The ranking of the player is :3 The age of the player is :0

The the league is :IIL

The position of the Player is :India