LAB-3

```java
import java.io.*;



class Sports
{
public String teamName;
public byte players;
public String league;
public String coach;

Sports()
{
teamName="";
players=-1;
league="";
coach="";
}
Sports(String teamName)
{
this.teamName=teamName;
}
Sports(String teamName, byte players)
{
this(teamName);
this.players=players;
}
```

```java
Sports(String teamName, byte players,String league)
{
this(teamName,players);
this.league=league;
}
Sports(String teamName, byte players,String league,String coach)
{
this(teamName,players,league);
this.coach=coach;
}

void read() throws IOException
{
BufferedReader br=new BufferedReader(new InputStreamReader(System.in));
System.out.println("Enter the Name of the Team");
teamName=br.readLine();
System.out.println("Enter the number of Players in the team");
players=Byte.parseByte(br.readLine());
System.out.println("Enter which league you are in?");
league=br.readLine();
System.out.println("Enter the Name of the Coach of the Team");
coach=br.readLine();
}

void display()
{
System.out.println("Name of the Team: "+teamName);
System.out.println("Number of players: "+players);
System.out.println("League: "+league);
```

```java
System.out.println("Name of Coach: "+coach);

}

}


public class index

{

public static void main(String args[]) throws IOException

{

BufferedReader br=new BufferedReader(new InputStreamReader(System.in));


int ch=1;

int i=1;

football ftbl=new football();

while(i==1)

{

System.out.println("1.read");

System.out.println("2.display");

System.out.println("3.exit");


ch=Integer.parseInt(br.readLine());

switch(ch)

{

case 1:

ftbl.read();

break;

case 2:

ftbl.display();

break;

case 3:
```

```java
i=0;

System.out.println("bye!!!");

}

}

}

}


class football extends Sports

{

String country,state;

float clubIncome;


public football()

{

super();

country="";

state="";

clubIncome=(float)0.0;

}

public football(String teamName, byte players,String league,String coach,String country, String state,float clubIncome)

{

super(teamName,players,league,coach);

this.country= country;

this.state=state;

this.clubIncome=clubIncome;

}


public void read() throws IOException
```

```java
{
BufferedReader br=new BufferedReader(new InputStreamReader(System.in));
super.read();
System.out.println("Enter the origin Country");
country=br.readLine();
System.out.println("origin Region");
state=br.readLine();
System.out.println("enter clubs Income");
clubIncome=Float.parseFloat(br.readLine());
}

public void display()
{
super.display();
System.out.println("Country of the Club: "+country);
System.out.println("Region of the club: "+state);
System.out.println("Clubs Income: "+clubIncome);
}
}
```

OUTPUT:

```
PS D:\christ\3rd SEM\java\Lab3> javac index.java
PS D:\christ\3rd SEM\java\Lab3> java index
1.read
2.display
3.exit
1
Enter the Name of the Team
Barcelona FC
Enter the number of Players in the team
26
Enter which league you are in?
LaLiga
Enter the Name of the Coach of the Team
Xavi
Enter the origin Country
Spain
origin Region
Barcelona
enter clubs Income
2000000000000
1.read
2.display
3.exit
2
Name of the Team: Barcelona FC
Number of players: 26
League: LaLiga
Name of Coach: Xavi
Country of the Club: Spain
Region of the club: Barcelona
Clubs Income: 2.0E12
1.read
2.display
3.exit
3
bye!!!
PS D:\christ\3rd SEM\java\Lab3>
```