**SLIP 20.**Write a package for Games in Java, which have two classes Indoor and Outdoor.

Use a function display () to generate the list of players for the specific games. (Use

Parameterized constructor, finalize() method and Array Of Objects)

//indoor.java

package game;

public class indoor

{

String pname,gname;

public indoor(String pname,String gname)

{

this.pname=pname;

this.gname=gname;

}

public void display()

{

System.out.println("Player Name:"+pname);

System.out.println("Game Name:"+gname);

}

}

----------------------------------------------------------------------------------------------------------------------

//outdoor.java

package game;

public class outdoor

{

String pname,gname;

public outdoor(String pname,String gname)

{

this.pname=pname;

this.gname=gname;

}

public void display()

{

System.out.println("Player Name:"+pname);

System.out.println("Game Name:"+gname);

}

}

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//slip20.java

import game.indoor;

import game.outdoor;

import java.io.\*;

class Slip20

{

protected void finalize()

{

System.out.println("Finalized mthod is invoked");

}

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

{

String nm,gm;

int i;

BufferedReader br = new BufferedReader(new

InputStreamReader(System.in));

System.out.println("enter no indoor player");

int n= Integer.parseInt(br.readLine());

indoor in[]=new indoor[n];

for(i=0;i<n;i++)

{

System.out.println("enter palyer name");

nm=br.readLine();

System.out.println("enter gamename");

gm=br.readLine();

in[i]=new indoor(nm,gm);

}

System.out.println("enter no outdoor player");

int n1= Integer.parseInt(br.readLine());

outdoor o[]=new outdoor[n1];

for(i=0;i<n1;i++)

{

System.out.println("enter palyer name");

nm=br.readLine();

System.out.println("enter gamename");

gm=br.readLine();

o[i]=new outdoor(nm,gm);

}

System.out.println("Details of indoor game: ");

for(i=0;i<n;i++)

{

in[i].display();

}

System.out.println("Details of outdoor game: ");

for(i=0;i<n1;i++)

{

o[i].display();

}

Slip20 ob = new Slip20();

ob.finalize();

}

}

/\*output:

enter no indoor player

2

enter palyer name

vijay

enter gamename

carrom

enter palyer name

ashwin

enter gamename

chess

enter no outdoor player

2

enter palyer name

sachin

enter gamename

cricket

enter palyer name

virat

enter gamename

cricket

Details of indoor game:

Player Name:vijay

Game Name:carrom

Player Name:ashwin

Game Name:chess

Details of outdoor game:

Player Name:sachin

Game Name:cricket

Player Name:virat

Game Name:cricket

Finalized mthod is invoked

Process completed.

\*/