

```

import java.util.Scanner;

class guess
{
    int guessnumber, n = 10;

    int guessnumberr()
    {
        Scanner sc = new Scanner(System.in);

        System.out.println("GUESSER KINDLY GUESS THE NUMBER");

        guessnumber = sc.nextInt();

        {
            if (guessnumber > n)
            {
                System.out.println("KINDLY GUESS THE NUMBER LESS THAN " + n);

                guessnumber = sc.nextInt();

            }
            else
                System.out.println("THANK YOU");
        }

        return guessnumber;
    }
}

class player1
{
    int playergues,q=10;

    int Player1guess()
    {
        Scanner sc = new Scanner(System.in);

        System.out.println("PLAYER 1 KINDLY GUESS THE NUMBER");

        playergues = sc.nextInt();

        {

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        if (playergues > q)
        {
            System.out.println("KINDLY GUESS THE NUMBER LESS THAN " + q);
            playergues = sc.nextInt();
        }
        else
            System.out.println("THANK YOU");
    }
    return playergues;
}
}
class player2
{
    int player2gues,w=10;
    int Player2guess()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("PLAYER 2 KINDLY GUESS THE NUMBER");
        player2gues = sc.nextInt();
        {
            if (player2gues > w)
            {
                System.out.println("KINDLY GUESS THE NUMBER LESS THAN " + w);
                player2gues = sc.nextInt();
            }
            else
                System.out.println("THANK YOU");
        }
        return player2gues;
    }
}
}

```

```
class player3
{
    int player3gues,r=10;
    int Player3guess()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("PLAYER 3 KINDLY GUESS THE NUMBER");
        player3gues = sc.nextInt();
        {
            if (player3gues > r)
            {
                System.out.println("KINDLY GUESS THE NUMBER LESS THAN " + r);
                player3gues = sc.nextInt();
            }
            else
                System.out.println("THANK YOU");
        }
        return player3gues;
    }
}
```

```
class player4
{
    int player4gues,a=10;
    int Player4guess()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("PLAYER 4 KINDLY GUESS THE NUMBER");
        player4gues = sc.nextInt();
        {
            if (player4gues > a)
            {
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        System.out.println("KINDLY GUESS THE NUMBER LESS THAN " + a);
        player4gues = sc.nextInt();
    }
    else
        System.out.println("THANK YOU");
    }
    return player4gues;
}
}
class umpire
{
    int numfromguess;
    int numfromguess2;
    int numfromplayer1;
    int numfromplayer2;
    int numfromplayer3;
    int numfromplayer4;

    public void collectnumfromguesser()
    {
        guess g = new guess();
        numfromguess = g.guessnumberr();
    }

    public void collectnumfromguesser2()
    {
        guess gg = new guess();
        numfromguess2 = gg.guessnumberr();
    }
}

```

```
public void collectnumfromplayer1()
{
    player1 p = new player1();
    numfromplayer1 = p.Player1guess();
}
```

```
public void collectnumfromplayer2()
{
    player2 pp = new player2();
    numfromplayer2 = pp.Player2guess();
}
```

```
public void collectnumfromplayer3()
{
    player3 ppp = new player3();
    numfromplayer3 = ppp.Player3guess();
}
```

```
public void collectnumfromplayer4()
{
    player4 pppp = new player4();
    numfromplayer4 = pppp.Player4guess();
}
```

```
void compare()
{
    if (numfromguess == numfromplayer1)
    {
        if (numfromguess == numfromplayer2)
```

```
{
    System.out.println("GAME TIED");
}
else
{
    System.out.println("PLAYER 1 WON THE GAME MOVES TO FINALE");
}
}
else if (numfromguess == numfromplayer2)
{
    System.out.println("PLAYER 2 WON THE GAME MOVES TO FINALE");
}
else
{
    System.out.println("GAME LOST TRY AGAIN!");
}
if (numfromguess == numfromplayer3)
{
    if (numfromguess == numfromplayer4)
    {
        System.out.println("GAME TIED");
    }
    else
    {
        System.out.println("PLAYER 3 WON THE GAME MOVES TO FINALE");
    }
}
else if (numfromguess == numfromplayer4)
{
    System.out.println("PLAYER 4 WON THE GAME MOVES TO FINALE");
}
```

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else
{
    System.out.println("GAME LOST TRY AGAIN!");
}

guess gg = new guess();
numfromguess2 = gg.guessnumberr();
player1 p = new player1();
player2 pp = new player2();
player3 ppp = new player3();
player4 pppp = new player4();
if (numfromguess==numfromplayer1)
{
    System.out.println("PLAYER 1 IN FINALE");
    numfromplayer1 = p.Player1guess();
}
else
{
    System.out.println("PLAYER 2 IN FINALE");
    numfromplayer2 = pp.Player2guess();
}
if (numfromguess==numfromplayer3)
{
    System.out.println("PLAYER 3 IN FINALE");
    numfromplayer3 = ppp.Player3guess();
}
else
{
    System.out.println("PLAYER 4 IN FINALE");
    numfromplayer4 = pppp.Player4guess();
}
if (numfromguess2 == numfromplayer1) {

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        System.out.println("PLAYER 1 WON THE GAME");
    } else {
        System.out.println("PLAYER 2 WON THE GAME ");
    }
    if (numfromguess2==numfromplayer3)
    {
        System.out.println("PLAYER 3 WON THE GAME");
    }
    else {
        System.out.println("PLAYER 4 WON THE GAME");
    }
}
}

public class guesss {
    public static void main(String[] args) {
        umpire u = new umpire();
        u.collectnumfromguesser();
        u.collectnumfromplayer1();
        u.collectnumfromplayer2();
        u.collectnumfromplayer3();
        u.collectnumfromplayer4();
        u.compare();
    }
}

```