

## Chess Format

Given the time control of a chess match as  $a+b$ , determine which format of chess out of the given 4 it belongs to.

- 1) Bullet if  $a+b < 3$
- 2) Blitz if  $3 \leq a+b \leq 10$
- 3) Rapid if  $11 \leq a+b \leq 60$
- 4) Classical if  $60 < a+b$

## Input Format

First line will contain  $T$ , number of testcases. Then the testcases follow.

Each testcase contains a single line of input, two integers  $a, b$

## Output Format

For each testcase, output in a single line, answer 1 for bullet, 2 for blitz, 3 for rapid, and 4 for classical format.

## Sample Input 1

```
4
1 0
4 1
100 0
20 5
```

## Sample Output 1

```
1
2
4
3
```

### C Program

```
#include <stdio.h>

int main(void) {
    int t,a,b,s;
    scanf("%d",&t);
    while(t--)
    {
        scanf("%d%d",&a,&b);
        s=a+b;
        if(s<3)
            printf("1\n");
        else if(s>=3 && s<=10)
            printf("2\n");
        else if(s>=11 && s<=60)
            printf("3\n");
        else
            printf("4\n");
    }
    return 0;
}
```

### C++ Program

```
#include <iostream>

using namespace std;

int main() {
    int T;
```

## Talent Battle 100 Days Coding Series

```
cin>>T;
while(T--){
    int a,b;
    cin>>a>>b;
    if((a+b)<3){
        cout<<"1"<<endl;
    }
    else if(((a+b)>=3)&&((a+b)<=10)){
        cout<<"2"<<endl;
    }
    else if(((a+b)>=11)&&((a+b)<=60)){
        cout<<"3"<<endl;
    }
    else{
        cout<<"4"<<endl;
    }
}
return 0;
}
```



### JAVA

```
import java.util.*;
import java.lang.*;
import java.io.*;
class Main
```

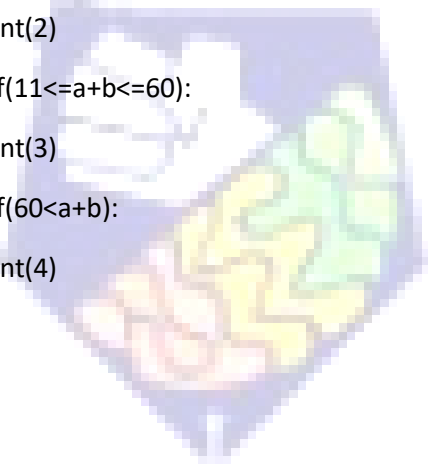
## Talent Battle 100 Days Coding Series

```
{  
  
    public static void main (String[] args) throws java.lang.Exception  
    {  
  
        Scanner sc = new Scanner(System.in);  
        int t = sc.nextInt();  
        for(int i = 0;i<t;i++)  
        {  
            int a = sc.nextInt();  
            int b = sc.nextInt();  
            int sum = 0;  
            sum = a+b;  
            if(sum<3)  
            {  
                System.out.println("1");  
            }  
            else if(sum>=3 && sum<=10)  
            {  
                System.out.println("2");  
            }  
            else if(sum>=11 && sum<=60)  
            {  
                System.out.println("3");  
            }  
            else  
            {  
                System.out.println("4");  
            }  
        }  
    }  
}
```

```
}
```

## PYTHON

```
n=int(input())  
for i in range(n):  
    a,b=map(int,input().split())  
    c=a+b  
    if(a+b<3):  
        print(1)  
    elif(3<=a+b<=10):  
        print(2)  
    elif(11<=a+b<=60):  
        print(3)  
    elif(60<a+b):  
        print(4)
```



TalentBattle