**Exercise**

You are required to write the java code to read a temperature (t) from input and output the corresponding message shown in the table below.

|  |  |
| --- | --- |
| **Temperature t** | **Message** |
| 30 < t | hot |
| 20 < t ≤ 30 | warm |
| 10 < t ≤ 20 | fine |
| t ≤ 10 | cold |

**Source Code**

public static void main(String[] args) {  
 // TODO Auto-generated method stub  
  
 Scanner InputTemp=new Scanner(System.in);  
 System.out.println("Enter a" );  
 int temp=InputTemp.nextInt();  
 if (30 < temp)  
 System.out.println("hot");  
 else if (20 < temp)  
 System.out.println("warm");  
 else if (10 < temp)  
 System.out.println("fine");  
 else  
 System.out.println("cold");  
 }

**Test Data**

50, 18

**Output**



