**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**



