Assignment on Future in JAVA

Use the following API and obtain weather information of Mandi

https://api.openweathermap.org/data/2.5/weather?q=Mandi&APPID=2729fc4e4e87c d4039a11cfa38d4847d

You can also test the API in the browser.

Design a Program that involves the use of "Future" and do the following tasks using Future:
- Get results from the API and display proper response.
- Cancel task via Future cancel() If the response take longer than 100ms.(increase the value if response always take more than 100ms)
- While waiting for response
  - Check If Task is completed or not.
  - Check if the Task is Canceled or Not.
  - Display proper message for waiting response

Display Proper Messages in every subtask.