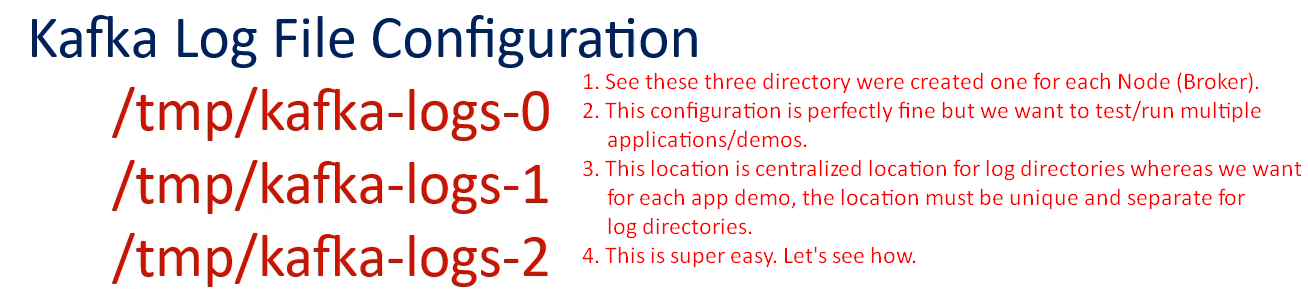
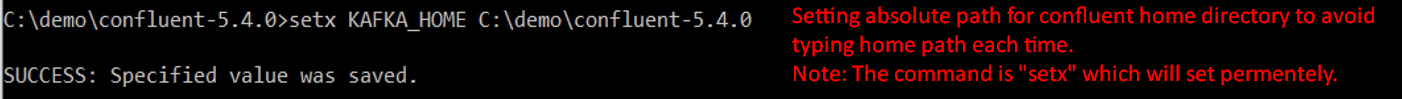
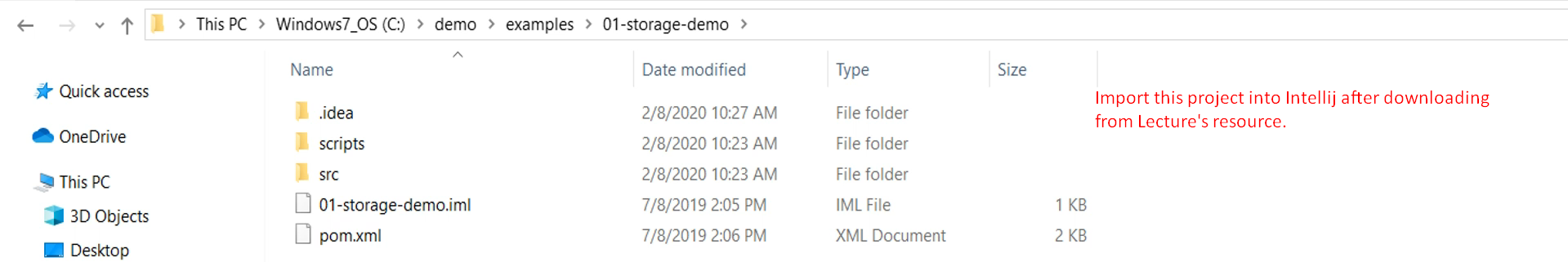
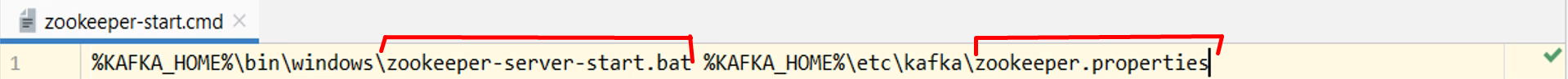
1. A picture containing text

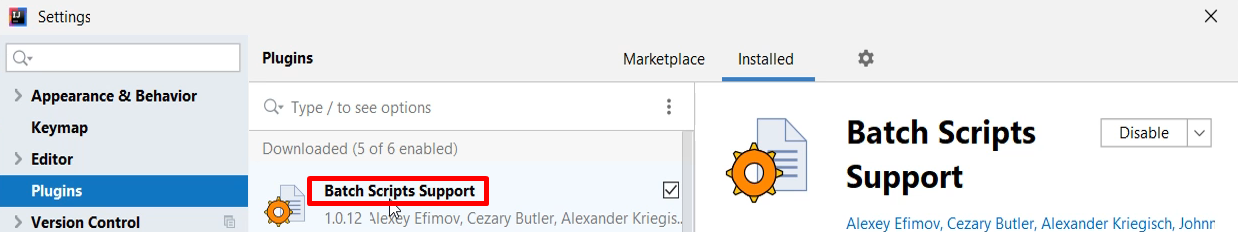
   Description automatically generated  
   
2. 
3. We will use the followings:
   1. Intellij IDE.
   2. Confluent Kafka Community Edition.
4. We already saw in the previous lecture about how to create 3-Node Kafka Cluster.   
   The configuration created 3 log files one for each node (Broker) in the c:\temp directory as follows:  
     
   What we will be the approach?

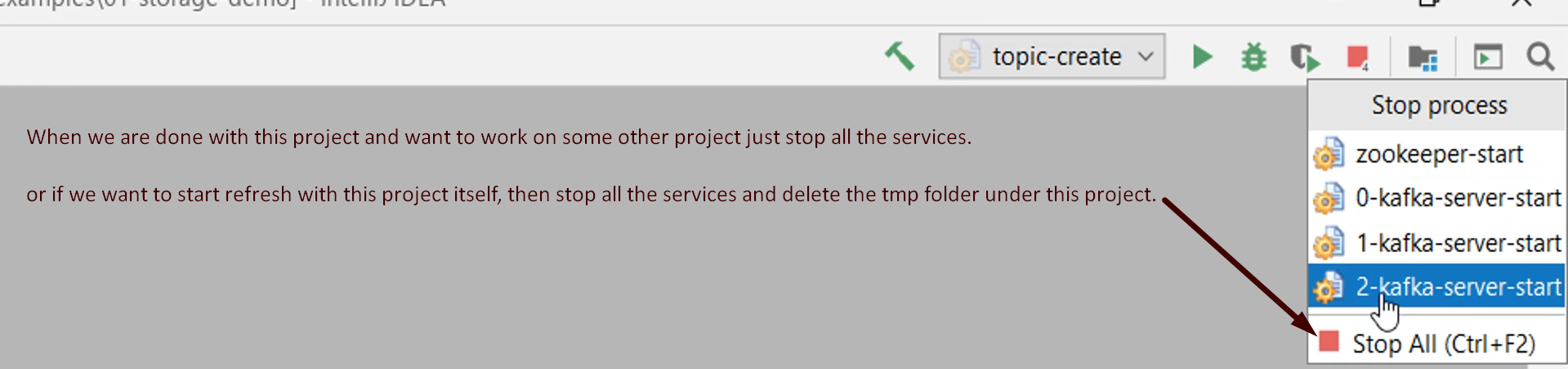
Actually, we want the same cluster installation for all examples/demos. It means when running Kafka Cluster for different apps, the ports of Zookeeper, Brokers must not change, and log files must not be overlapped.   
How to do this?

Change the **Data Log Directory** to the current directory.  
Every time you start Kafka Cluster from your IDE, it will create new log in the current Directory.   
It works like running a separate Kafka Cluster for each example.  
Let’s see how to do this:

* 1. 
  2. 
  3. 
  4. 
  5. **Setting Environment variable** “KAKFA\_HOEM”
  6. 
  7. Graphical user interface

     Description automatically generated
  8. 
  9. Graphical user interface, application

     Description automatically generated
  10. 
  11. 
  12. 
  13. A picture containing graphical user interface

      Description automatically generated
  14. 

1. To make our life easy when demoing different apps with Kafka Configuration, we’re just doing two things.
   1. Setting **KAKFA\_HOME** environment variable.
   2. Having separate scripts folder to run zookeeper, servers, topic under the project’s root directory itself.
   3. Most important: Setting **log Dir** for each project separately under the project itself.   
      This last step is the most important step. 😊