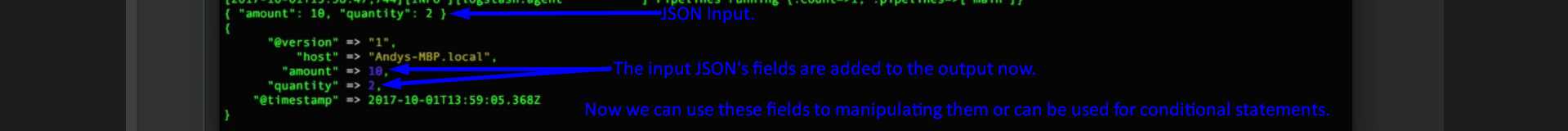
# 6. Handling JSON Input

1. **Agenda**:
   1. Handling incoming JSON instead of arbitrary and unstructured text as we did in previous lecture where we give string as an input.
2. Even though, below passing input JSON but still JSON is treated as string because that JSON was added to the field “message” as value.A picture containing text, screenshot, display, multimedia

   Description automatically generated
3. Configure an appropriate input plugin for JSON Input.   
   A screen shot of a computer

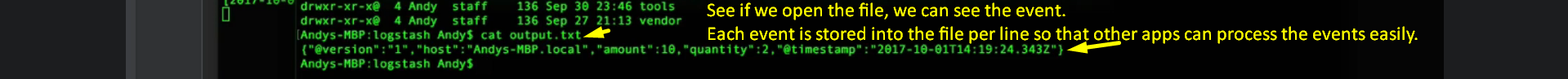
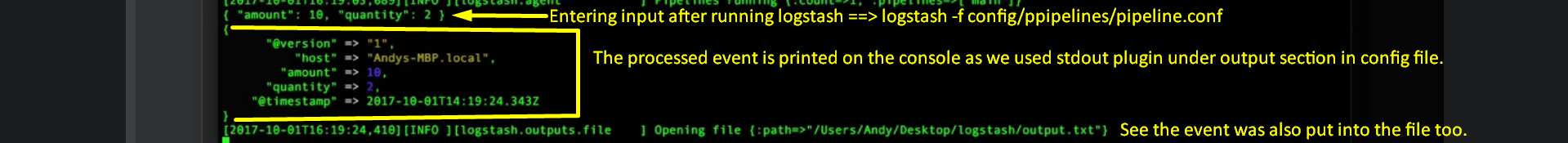
   Description automatically generated with medium confidence  
     
   Advantage of JSON input and adding its fields as fields of output is
   1. We can manipulate them. b. We can query based on them.
4. When passing JSON Array, then each object will be created a separate event.   
   A picture containing screenshot, multimedia software

   Description automatically generated
5. In case of invalid JSON.  
   NOTE the fields “message” : “{ invalid json }” and tags field below  
   A screen shot of a computer

   Description automatically generated with low confidenceSo that we can take appropriate action.   
   If we add multi-line JSON, we will see the above error again. We can tackle it too.

# 7. Outputting An Events to File

1. Let’s write the output to a file along with Console.
2. A screen shot of a computer

   Description automatically generated with medium confidence
3. A screenshot of a computer screen

   Description automatically generated with medium confidence
4. Other options with file plugin are format.

# 8. Working with HTTP Input

1. **Agenda**: HTTP Input plugin.
2. Other plugins to deal with TCP, UDP Sockets.
3. Defining HTTP Input Plugin with default configuration.  
   A screenshot of a computer

   Description automatically generated with medium confidence  
   HTTP input Plugin with specific **configuration**.  
   A screenshot of a computer

   Description automatically generated  
     
   A screen shot of a computer

   Description automatically generated with low confidence
4. http input plugin can handle multiline json with the request body because this plugin considers http request as single event.
5. When sending JSON Array, each element will be considered a separate event.