TASK-7 CODE

QUESTION

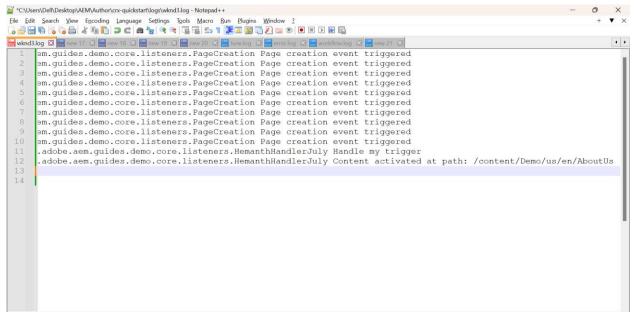
- 1- Write an event handler that triggers upon the publication of any page in AEM, logging the path of the published page.
- 2- At the Same time when the page is published Servlet has been triggered and showing the logging message.

ANSWER:

```
package com.adobe.aem.guides.demo.core.listeners;
import java.util.HashMap;
import java.util.Map;
import javax.jcr.Session;
import org.apache.sling.api.resource.LoginException;
import org.apache.sling.api.resource.ModifiableValueMap;
import org.apache.sling.api.resource.PersistenceException;
import org.apache.sling.api.resource.Resource;
import org.apache.sling.api.resource.ResourceResolver;
import org.apache.sling.api.resource.ResourceResolverFactory;
import org.osgi.service.component.annotations.Component;
import org.osgi.service.component.annotations.Reference;
import org.osgi.service.event.Event;
import org.osgi.service.event.EventConstants;
import org.osgi.service.event.EventHandler;
import org.slf4i.Logger;
import org.slf4j.LoggerFactory;
import com.day.cq.replication.ReplicationAction;
@Component(service = EventHandler.class, immediate = true,
  property = {
    EventConstants. EVENT_TOPIC + "=" + ReplicationAction. EVENT_TOPIC
  }
public class HemanthHandlerJuly implements EventHandler {
  private static final Logger log = LoggerFactory.getLogger(HemanthHandlerJuly.class);
```

```
@Reference
  private WorkflowService workflowService;
  @Reference
  private ResourceResolverFactory resolverFactory;
  @Override
  public void handleEvent(Event event) {
    log.info("Handle my trigger");
    handleReplicationEvent(event);
       triggerServlet(event);
  }
  private void handleReplicationEvent(Event event) {
     ReplicationAction action = ReplicationAction.fromEvent(event);
    String path = action.getPath();
    log.info("Content activated at path: {}", path);
}
private void triggerServlet(Event event) {
      String servletUrl = "http://localhost:4502/bin/demohandle"; // Replace with your servlet
  //
URL
  //
      try (CloseableHttpClient httpClient = HttpClients.createDefault()) {
         HttpGet request = new HttpGet(servletUrl);
  //
  //
         try (CloseableHttpResponse response = httpClient.execute(request)) {
           log.info("Servlet triggered with status: {}",
  //
response.getStatusLine().getStatusCode());
           log.info("servlet triggered sucessfully");
  //
  //
       } catch (IOException e) {
         log.error("Error triggering servlet", e);
  //
  //
  // }
```

Published Path



Published Page

