**THIS IS MY (FlinkSyncJob.java) file:- which is of a Maven project**

Package com.example;

Import org.apache.flink.streaming.api.environment.StreamExecutionEnvironment;

Import org.apache.flink.table.api.bridge.java.StreamTableEnvironment;

Import org.apache.flink.table.api.Table;

Public class FlinkSyncJob {

Public static void main(String[] args) throws Exception {

// Set up the execution environment

StreamExecutionEnvironment env = StreamExecutionEnvironment.getExecutionEnvironment();

StreamTableEnvironment tableEnv = StreamTableEnvironment.create(env);

// Define the source table (PostgreSQL CDC)

tableEnv.executeSql(

“CREATE TABLE postgres\_table (“ +

“ id INT PRIMARY KEY NOT ENFORCED, “ +

“ name STRING, “ +

“ age INT “ +

“) WITH (“ +

“ ‘connector’ = ‘postgres-cdc’, “ +

“ ‘hostname’ = ‘localhost’, “ +

“ ‘port’ = ‘5432’, “ +

“ ‘username’ = ‘flink\_user’, “ +

“ ‘password’ = ‘12345678’, “ +

“ ‘database-name’ = ‘flink\_db’, “ +

“ ‘schema-name’ = ‘public’, “ +

“ ‘table-name’ = ‘mi\_table’, “ +

“ ‘slot.name’ = ‘flink\_replication\_slot’ “ +

“)”

);

// Define the sink table (MySQL)

tableEnv.executeSql(

“CREATE TABLE mysql\_table (“ +

“ id INT PRIMARY KEY NOT ENFORCED, “ +

“ name STRING, “ +

“ age INT” +

“) WITH (“ +

“ ‘connector’ = ‘jdbc’, “ +

“ ‘url’ = ‘jdbc:mysql://localhost:3306/mysql\_db’, “ +

“ ‘driver’ = ‘com.mysql.cj.jdbc.Driver’, “ +

“ ‘username’ = ‘mysql-user’, “ +

“ ‘password’ = ‘NadiaMujeeb29!’, “ +

“ ‘table-name’ = ‘mi\_table’” +

“)”

);

// Define the transformation: Read from PostgreSQL and select the required columns

Table result = tableEnv.sqlQuery(“SELECT id, name, age FROM postgres\_table”);

// Insert the transformed data into MySQL (using insertInto method)

Result.executeInsert(“mysql\_table”);

// Execute the Flink job

Env.execute(“Flink CDC Job”);

}

}

**THIS IS THE ERROR I’M FACING:-**

Nadia29@UBUNTU:~$ cd flink

Nadia29@UBUNTU:~/flink$ ./bin/flink run -c com.example.FlinkSyncJob /home/nadia29/flink-cdc-project/target/flink-cdc-project-1.0-SNAPSHOT.jar

Job has been submitted with JobID 8c7e9a1269519ebe7041d663b5117664

The program finished with the following exception:

Org.apache.flink.client.program.ProgramInvocationException: The main method caused an error: No operators defined in streaming topology. Cannot execute.

At org.apache.flink.client.program.PackagedProgram.callMainMethod(PackagedProgram.java:373)

At org.apache.flink.client.program.PackagedProgram.invokeInteractiveModeForExecution(PackagedProgram.java:223)

At org.apache.flink.client.ClientUtils.executeProgram(ClientUtils.java:113)

At org.apache.flink.client.cli.CliFrontend.executeProgram(CliFrontend.java:1026)

At org.apache.flink.client.cli.CliFrontend.run(CliFrontend.java:247)

At org.apache.flink.client.cli.CliFrontend.parseAndRun(CliFrontend.java:1270)

At org.apache.flink.client.cli.CliFrontend.lambda$mainInternal$10(CliFrontend.java:1367)

At org.apache.flink.runtime.security.contexts.NoOpSecurityContext.runSecured(NoOpSecurityContext.java:28)

At org.apache.flink.client.cli.CliFrontend.mainInternal(CliFrontend.java:1367)

At org.apache.flink.client.cli.CliFrontend.main(CliFrontend.java:1335)

Caused by: java.lang.IllegalStateException: No operators defined in streaming topology. Cannot execute.

At org.apache.flink.streaming.api.environment.StreamExecutionEnvironment.getStreamGraphGenerator(StreamExecutionEnvironment.java:2556)

At org.apache.flink.streaming.api.environment.StreamExecutionEnvironment.getStreamGraph(StreamExecutionEnvironment.java:2523)

At org.apache.flink.streaming.api.environment.StreamExecutionEnvironment.getStreamGraph(StreamExecutionEnvironment.java:2514)

At org.apache.flink.streaming.api.environment.StreamExecutionEnvironment.getStreamGraph(StreamExecutionEnvironment.java:2500)

At org.apache.flink.streaming.api.environment.StreamExecutionEnvironment.execute(StreamExecutionEnvironment.java:2319)

At com.example.FlinkSyncJob.main(FlinkSyncJob.java:55)

At java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

At java.base/jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

At java.base/jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

At java.base/java.lang.reflect.Method.invoke(Method.java:566)

At org.apache.flink.client.program.PackagedProgram.callMainMethod(PackagedProgram.java:356)

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