# **Add a producer for Kinesis Video Streams**

Run and verify

To run the Java test harness for the [Java Producer library](https://docs.aws.amazon.com/kinesisvideostreams/latest/dg/producer-sdk-javaapi.html), do the following.

1. Choose **DemoAppMain**.
2. Choose **Run**, **Run 'DemoAppMain'**.
3. Add your credentials to the JVM arguments for the application:
   * **For non-temporary AWS credentials:** "-Daws.accessKeyId={YourAwsAccessKey} -Daws.secretKey={YourAwsSecretKey} -Djava.library.path={NativeLibraryPath}"
   * **For temporary AWS credentials:** "-Daws.accessKeyId={YourAwsAccessKey} -Daws.secretKey={YourAwsSecretKey} -Daws.sessionToken={YourAwsSessionToken} -Djava.library.path={NativeLibraryPath}"
4. Sign in to the AWS Management Console and open the Kinesis Video Streams console.

On the **Manage Streams** page, choose your stream.

1. The sample video will play in the embedded player. You might need to wait a short time (up to ten seconds under typical bandwidth and processor conditions) while the frames accumulate before the video appears.

The code example creates a stream. As the MediaSource in the code starts, it begins sending sample frames to the KinesisVideoClient. The client then sends the data to your Kinesis video stream.