—Create QA_test table

```sql
CREATE TABLE dbo.qa_tests(code varchar(10),description
varchar(3000),enabled varchar(1),parameter varchar(50),test_sql
varchar(5000),exp_result varchar(1)
);
```

—Create channel_table table

```sql
CREATE TABLE channel_table(channel_code varchar(10),channal_name
varchar(10))
```

—Create CHANNEL_TRANSACTION table

```sql
CREATE TABLE CHANNEL_TRANSACTION(channel_code
varchar(10),transaction_amount varchar(10),transaction_date
varchar(15) )
```

— Create Audit table

```sql
CREATE TABLE AUDIT_TABLE(TEST_CASE_ID VARCHAR(30),PROJECT
VARCHAR(100),EXECUTION_RESULT VARCHAR(50), EXECUTION_TIME
VARCHAR(20))
```

—Insert sample records into channel table :

```sql
insert into channel_table values(1000,'online');
insert into channel_table values(1000,'online');
```

```sql
insert into channel_table values(1001,'store');


--Insert sample records into channel transaction :


insert into CHANNEL_TRANSACTION
values(1000,'£30',CAST(CAST( GETDATE() AS Date ) AS VARCHAR))

insert into CHANNEL_TRANSACTION
values(1000,'£50',CAST(CAST( GETDATE() AS Date ) AS VARCHAR))

insert into CHANNEL_TRANSACTION
values(1002,'£30',CAST(CAST( GETDATE() AS Date ) AS VARCHAR))




-- Insert test case records into QA_test table


insert into dbo.qa_tests values ('qa_ch_01','Runs the SQL against the
Channel table to count duplicates. Duplicates count must be 0',
'Y','env','select count (*) from channel_table group by channel_code
having count (*) > 1','0');

insert into dbo.qa_tests values ('qa_ch_02','Check the FK between
channel_code and its child table channel_transaction to identify orphans
at a given date',
'Y','env,date','select count (*) from channel_transaction A left join
channel_table B  on (A.channel_code = B.channel_code) where
B.channel_code is null and  A.transaction_date={{ transaction_date }}','0');


insert into dbo.qa_tests values ('qa_ch_03','Counts the records in
channel_transaction table at a given date that have amount null',
'N','date','select count (*) from channel_transaction where
transaction_date = {{ transaction_date }} and transaction_amount is
null','0');
```