



Exercise Eleven

11.2 Modify the trigger created in ex11_1 so that any error is recorded in a new table called SI_AUDIT, make it of the following structure ...

```
SIA_DATE DATE  
SIA_ACTION VARCHAR2(10)  
SIA_DATA VARCHAR2(4000)
```

Remember that when the `raise_application_error` process is used then the data is rolled back, therefore the writing to the SI_AUDIT table should take place in a sub-process within the trigger using autonomous transactions etc

Save as `c:\course\ex11_2.sql`

Test it as follows ...

Exercise Eleven



```
insert into stock_information values (1,1,'Testing1',12,25,user,sysdate,null,null)
```

```
ERROR at line 1: ORA-20000: Cannot insert a Duplicate Stock Number.
```

```
select * from si_audit
```

```
SIA_DATE  SIA_ACTION SIA_DATA
```

```
-----  
18-NOV-19 Insert      An attempt was made to insert a Duplicate Stock Number.
```