



Exercise Three

3.1 Using SQL Commands, create a simple PLSQL process to insert a new record into the Stock_Information table, its structure is as follows ...

<i>SI_STOCK_NUMBER</i>	<i>NOT NULL NUMBER(5)</i>
<i>SI_SECTION_NUMBER</i>	<i>NOT NULL NUMBER(5)</i>
<i>SI_STOCK_DESCRIPTION</i>	<i>NOT NULL VARCHAR2(40)</i>
<i>SI_UNIT_PRICE</i>	<i>NUMBER(6 , 2)</i>
<i>SI_NO_IN_STOCK</i>	<i>NUMBER(8)</i>
<i>SI_CREATED_BY</i>	<i>NOT NULL VARCHAR2(30)</i>
<i>SI_CREATED_DATE</i>	<i>NOT NULL DATE</i>
<i>SI_UPDATED_BY</i>	<i>VARCHAR2(30)</i>
<i>SI_UPDATED_DATE</i>	<i>DATE</i>



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3.1 continued ...

Note that SI_SECTION_NUMBER is a foreign key to the Section_details table and that SI_STOCK_NUMBER is a Primary Key. Save as ex3_1

```
Results Explain Describe Saved SQL History
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1 row(s) inserted.

0.01 seconds
```



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3.2 Amend the ex3_1 to insert values from local variables defined in the declaration section. Save as ex3_2

3.3 If not already done so, amend ex3_2 so that the variables datatypes are using the %type method. Save as ex3_3

The Saved SQL should resemble the following ...

<input type="checkbox"/>	Owner	Name	Description	SQL	Updated By	Updated
<input type="checkbox"/>	PLSQL1000_USER	ex3_3	-	declare l_stock_number stock_information.si_stock_number%type := 101; l_section_number stock_information.si_s	PLSQL1000_USER	1 seconds ago
<input type="checkbox"/>	PLSQL1000_USER	ex3_2	-	declare l_stock_number number(8) := 100; l_section_number number(8) := 6; l_stock_description varchar2(3	PLSQL1000_USER	16 minutes ago
<input type="checkbox"/>	PLSQL1000_USER	ex3_1	-	declare begin insert into stock_information (si_stock_number ,si_section_number ,si_stock_descripti	PLSQL1000_USER	20 minutes ago