In Patram software , the data entry is stored in isstemp(issue) or dis_temp(discharge) tables and having the fields or columns of the type as mentioned in the earlier chapter.

The query to know the total number of certificates ,its principal and its interest for a specific period ,for a specific HO and for a specific series reflecting denomination wise below.

```
SELECT denom_code,sum(cast(RIGHT(end_cc_no, 6)
    AS numeric(6)) - cast(RIGHT(start_cc_no, 6) AS numeric(6)) +
1),sum((cast(RIGHT(end_cc_no, 6)
    AS numeric(6)) - cast(RIGHT(start_cc_no, 6) AS numeric(6)) +
1)*amount),sum((cast(RIGHT(end_cc_no, 6)
    AS numeric(6)) - cast(RIGHT(start_cc_no, 6) AS numeric(6)) + 1)*interest)
FROM dis_temp
WHERE mon_of_acc='2011/03/01' and ho_no='tn081' and series_no=1
group by denom_code
order by denom_code
```

This query will show the result as below

```
100    5   500     243
500    10  5000    4235
1000   20 20000    9654
5000   10 50000    36789
10000  5 50000     45635
50000  2 100000    32450
```

To know the total of the above

```
SELECT denom_code,sum(cast(RIGHT(end_cc_no, 6)
    AS numeric(6)) - cast(RIGHT(start_cc_no, 6) AS numeric(6)) +
1),sum((cast(RIGHT(end_cc_no, 6)
    AS numeric(6)) - cast(RIGHT(start_cc_no, 6) AS numeric(6)) +
1)*amount),sum((cast(RIGHT(end_cc_no, 6)
    AS numeric(6)) - cast(RIGHT(start_cc_no, 6) AS numeric(6)) + 1)*interest)
FROM dis_temp
WHERE mon_of_acc='2011/03/01' and ho_no='tn081' and series_no=1
group by denom_code
order by denom_code
compute sum(sum(cast(RIGHT(end_cc_no, 6)
    AS numeric(6)) - cast(RIGHT(start_cc_no, 6) AS numeric(6)) +
1)),sum(sum((cast(RIGHT(end_cc_no, 6)
    AS numeric(6)) - cast(RIGHT(start_cc_no, 6) AS numeric(6)) +
1)*amount)),sum(sum((cast(RIGHT(end_cc_no, 6)
    AS numeric(6)) - cast(RIGHT(start_cc_no, 6) AS numeric(6)) +
1)*interest))
```

The result will as follows

```
100    5   500     243
500    10  5000    4235
1000   20  20000   9654
5000   10  50000   36789
10000  5   50000   45635
50000  2   100000  32450


52   225500   128763
```

In the same patram software , to get the denomination wise total number and amount for the issues .The query is using issue_details and issue table.

The following query may be used.

```sql
select a.denom_code,count(*),count(*)*b.denom_value
from issue_details a, denomination b
where de_no in (select de_no from issue where ho_no
='tn092'
and mon_of_acc='2010/09/01'and series_no=1)
and a.denom_code = b.denom_code group by
a.denom_code,b.denom_value order by
a.denom_code,b.denom_value
compute sum(count(*)*b.denom_value)

The result of this query will be as follows
```

```
100   10   1000
500   10   5000
1000  20   20000
5000  48   240000
10000 45   450000
50000 4    200000


        916000
```

To know the Total no of certificates ho wise and region wise the following query will use.

```sql
SELECT b.ho_name,b.region_code,"Total No of
Certificates"=sum(cast(RIGHT(a.end_cc_no, 6)
    AS numeric(6)) - cast(RIGHT(a.start_cc_no, 6) AS
numeric(6)) + 1) FROM isstemp a,ho b
WHERE a.mon_of_acc='2011/04/01' and
left(a.series_no,1)=1 and a.ho_no=b.ho_no
group by a.ho_no,b.region_code,b.ho_name
order by a.ho_no,b.region_code,b.ho_name
compute sum(sum(cast(RIGHT(a.end_cc_no, 6)
    AS numeric(6)) - cast(RIGHT(a.start_cc_no, 6) AS
numeric(6)) + 1))
```

To know the un-posted items denom_code wise for the series KVP the following query may be used.

```sql
SELECT a.DENOM_CODE, COUNT(*),count(*)* b.denom_value
FROM issUE_DETAILS a,denomination b
WHERE a.DE_NO IN(SELECT DE_NO FROM ISSUE WHERE
SERIES_NO=1 AND MON_OF_ACC BETWEEN '2004/04/01' AND
    '2005/03/31' ) AND REASON > 0 and
a.denom_code=b.denom_code  group by
a.DENOM_CODE,b.denom_value order by
a.DENOM_CODE,b.denom_value
compute sum(COUNT(*)),sum(count(*)* b.denom_value)
```

In SANCHAY POST to know the agentwise investment and commission earned by them under certificates scheme. The following query may be used.

```
select agentcode, agentname, sum(amount),
"Commission" =sum(amount*.01) from
dcl.accountopen_through_agent
where transdate between '2009/07/01' and
'2009/07/31' and scheme in('kvp','nsc')
group by scheme,agentcode,agentname order by
scheme,agentcode,agentname
compute sum(sum(amount)),sum(sum(amount*.01)) by
scheme
```

The same query for MPKBY agents investment and commission.

```
select agentcode, agentname, "Investment"=sum(a.amount),
"Commssion"=round(sum(a.amount*.04),0) from
dcl.accountopen_through_agent a,dcl.institution_details b
where a.transdate between '2009/07/01' and '2009/07/31'and
a.scheme ='rd' and b.category= 'a' and a.agentcode=b.code
group by scheme,agentcode,agentname order by
scheme,agentcode,agentname
compute sum(sum(amount)),sum(round(sum(amount*.04),0))
by scheme
```