

assignment4aa

```
CREATE TABLE Account (
  AccountNo VARCHAR2(10) PRIMARY KEY,
  BranchName VARCHAR2(50),
  AmountRs NUMBER(10)
);
```

```
INSERT INTO Account VALUES ('A1', 'Kolkata' ,50000);
INSERT INTO Account VALUES ('A2', 'Howrah' ,40000);
INSERT INTO Account VALUES ('A3', 'Howrah' ,40000);
INSERT INTO Account VALUES ('A4', 'Kolkata' ,20000);
INSERT INTO Account VALUES ('A5', 'Durgapur',30000);
```

```
select * from Account;
```

–a) Create a view that will show the branch name and total amount of that branch. The name of the view will be Account1.

```
CREATE VIEW Account1 AS
SELECT BranchName, SUM(AmountRs) AS TotalAmount
FROM Account
GROUP BY BranchName;
```

```
SELECT * FROM Account1;
```



–b) Select the branch names having total amount greater than 50,000
–I) using Account1 view

```
SELECT BranchName
FROM Account1
WHERE TotalAmount > 50000;
```

–II) without using the view.

```
SELECT BranchName, SUM(AmountRs) AS TotalAmount
FROM Account
GROUP BY BranchName
HAVING SUM(AmountRs) > 50000;
```

–c) Create an index table named Branch from the Account table on Branch Name attribute and then display the details of Branch table.

```
CREATE INDEX Branch
ON Account (BranchName);
```

```
SELECT *
FROM USER_INDEXES
WHERE INDEX_NAME = 'BRANCH';
```

