

## KALEIDOFIN

1.

```
SELECT Customer_Name FROM (SELECT Customer_Name, MAX(NAV_Value * No_of_Units) AS  
Max_Transaction  
FROM Customer_Details  
LEFT OUTER JOIN Mutual_Fund_Transaction_Table  
ON Customer_Details.Customer_Id = Mutual_Fund_Transaction_Table.Customer_id  
WHERE Transaction_Status = 'Success'  
AND Transaction_Type = 'Purchase');
```

2.

```
SELECT COUNT(*) FROM Mutual_Fund_Transaction_Table  
WHERE Transaction_Status = 'Success'  
AND Transaction_Time >= '2019-04-01' AND Transaction_Time < '2019-05-01';
```

3.

```
SELECT Customer_id FROM (SELECT COUNT(*) AS ct, Mutual_Fund_Transaction_Table.Customer_id  
FROM Mutual_Fund_Transaction_Table  
INNER JOIN Customer_Details  
ON Mutual_Fund_Transaction_Table.Customer_id = Customer_Details.Customer_Id  
WHERE banned = 0 AND Customer_Join_Time >= '2019-01-01' AND Customer_Join_Time < '2019-02-  
01'  
GROUP BY Mutual_Fund_Transaction_Table.Customer_id)  
WHERE ct > 4;
```

4.

```
SELECT * FROM (SELECT SUM(NAV_Value*No_of_Units) AS X,  
Customer_Details.Gender,Mutual_Fund_Transaction_Table.Customer_id FROM  
Mutual_Fund_Transaction_Table  
INNER JOIN Customer_Details  
ON Mutual_Fund_Transaction_Table.Customer_id = Customer_Details.Customer_Id  
WHERE Customer_Details.Gender = "Male"  
GROUP BY Customer_Details.Customer_Id  
ORDER BY X)  
LIMIT 2  
;
```