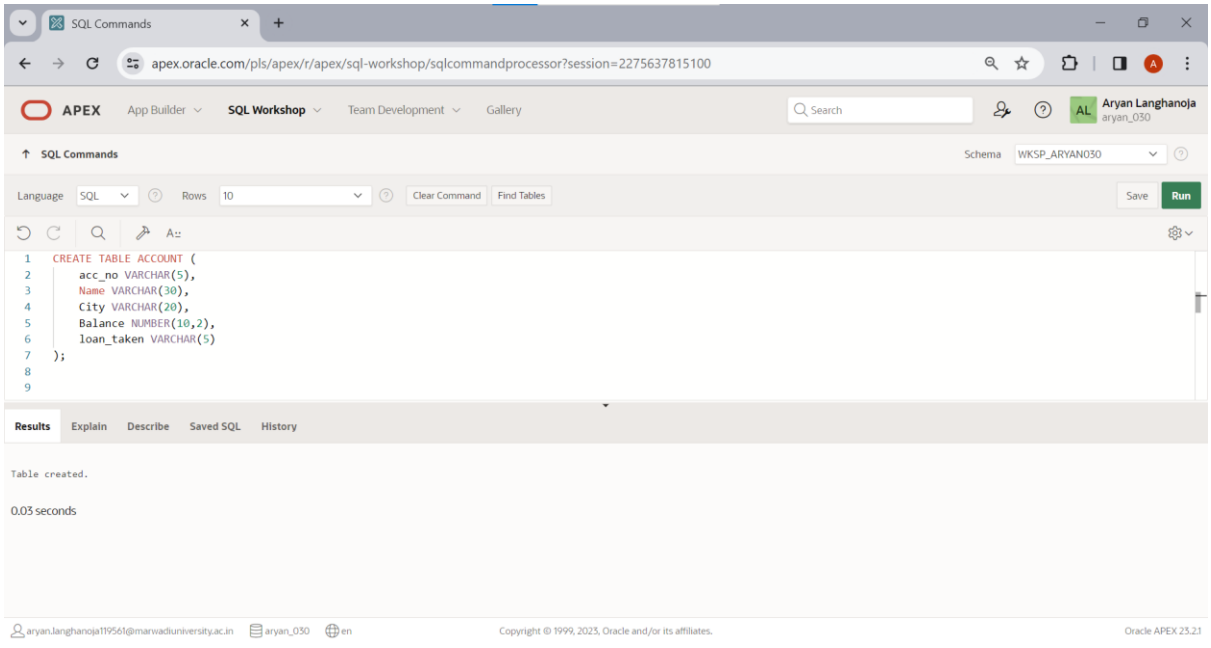
Practical 2

Aim: DDL Commands and Table Creation.

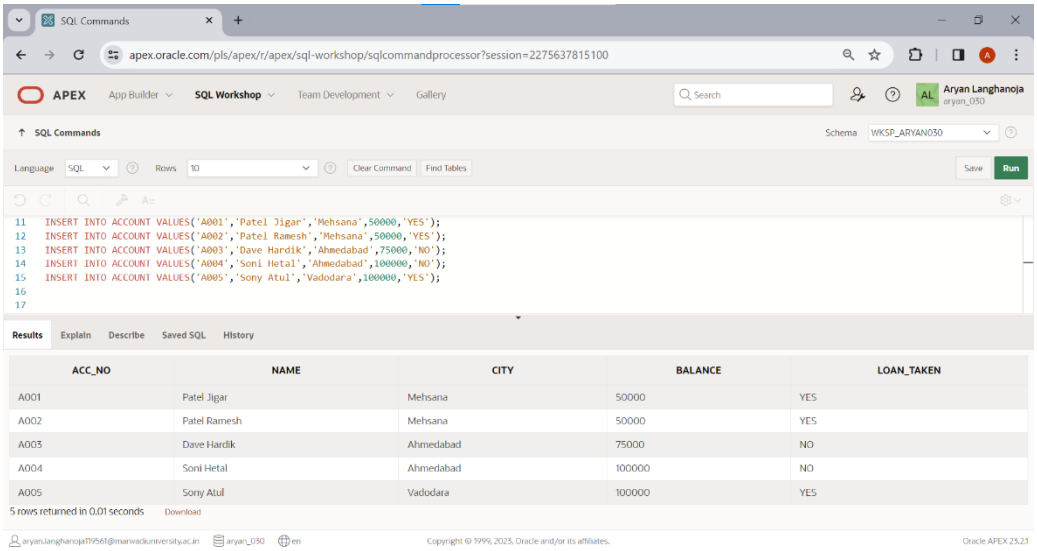
Create a table ACCOUNT

Column name	Data Type	Size
acc_no	varchar2	5
Name	varchar2	30
City	varchar2	20
Balance	Number	10,2
loan_taken	varchar2	5



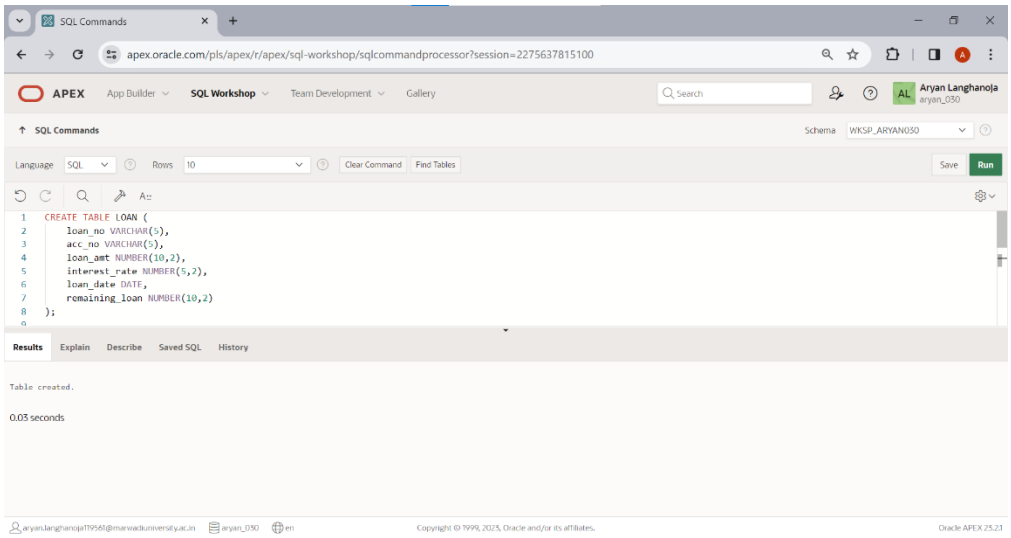
Insert the following records.

acc_no	Name	City	Balance	loan_taken
A001	Patel Jigar	Mehsana	50000	YES
A002	Patel Ramesh	Mehsana	50000	YES
A003	Dave Hardik	Ahmedabad	75000	NO
A004	Soni Hetal	Ahmedabad	100000	NO
A005	Sony Atul	Vadodara	100000	YES



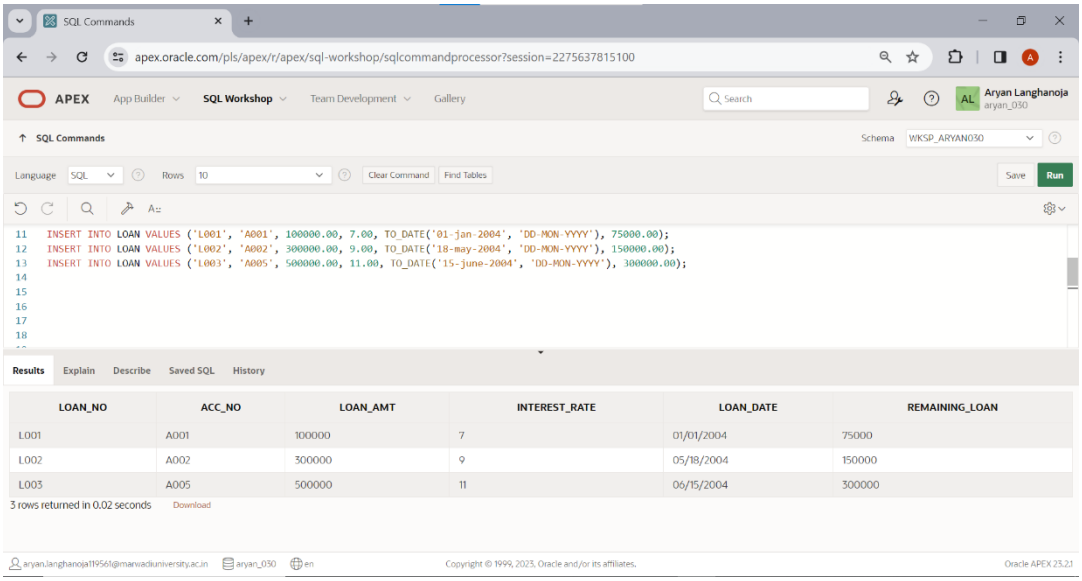
Create a Table LOAN

Column Name	Data Type	Size
loan_no	varchar2	5
acc_no	varchar2	5
loan_amt	number	10,2
interest_rate	number	5,2
loan_date	date	
remaining_loan	number	10,2



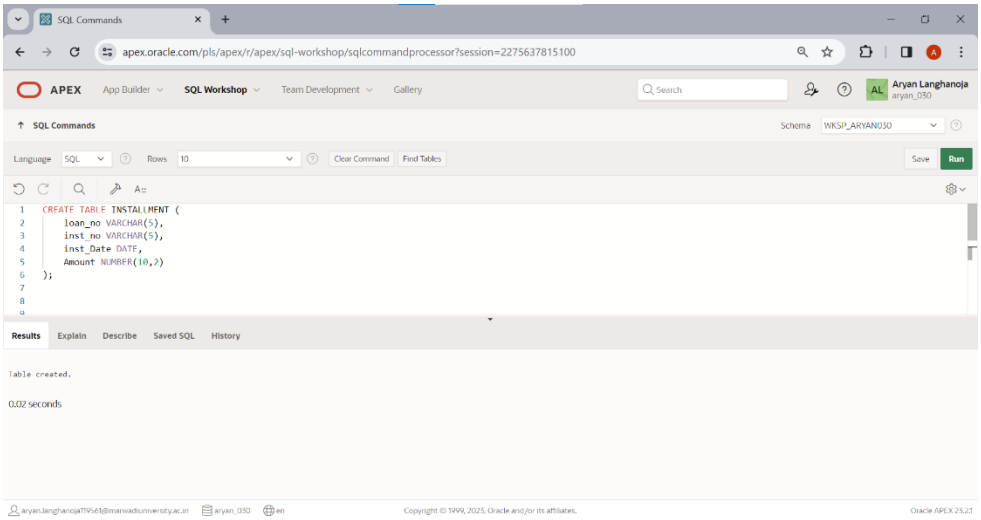
Insert the following Records.

Loan_no	Acc_no	Loan_amt	Interest_rate	Loan_date	Remaining_loan
L001	A001	100000	7	1-jan-04	75000
L002	A002	300000	9	18-may-04	150000
L003	A005	500000	11	15-june-04	300000



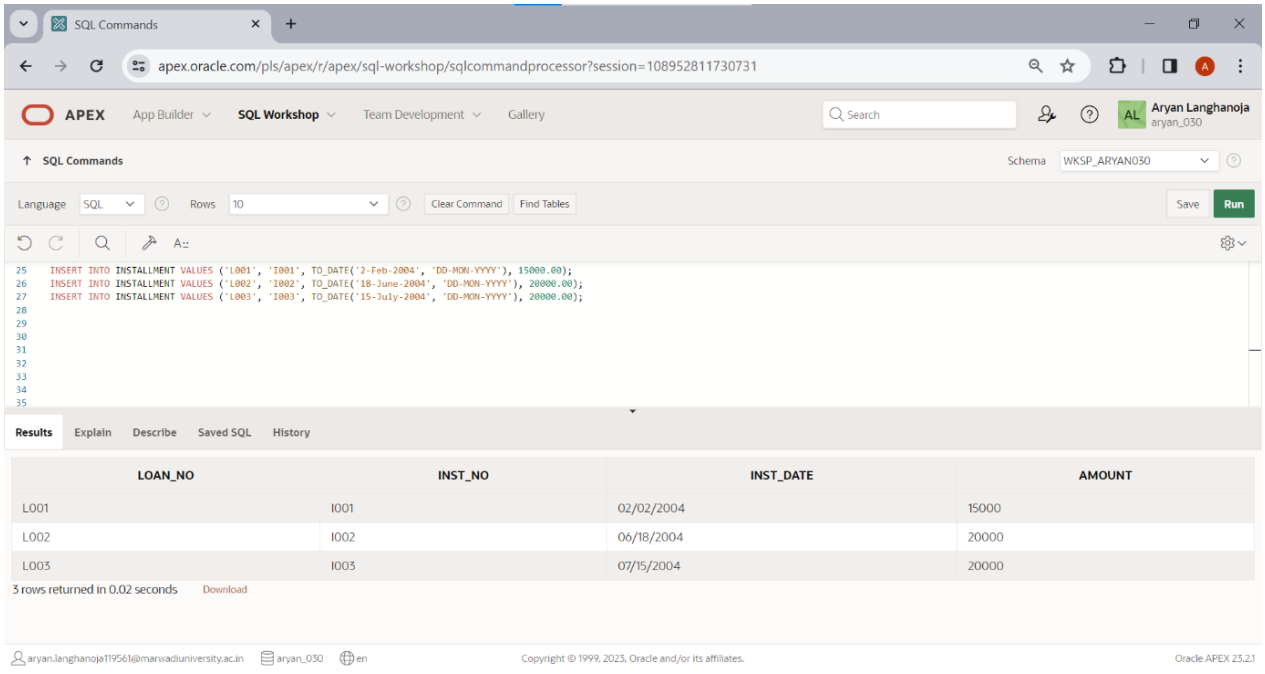
Create a table INSTALLMENT

Column Name	Data Type	Size
loan_no	varchar2	5
inst_no	varchar2	5
inst_Date	Date	
Amount	Number	10,2



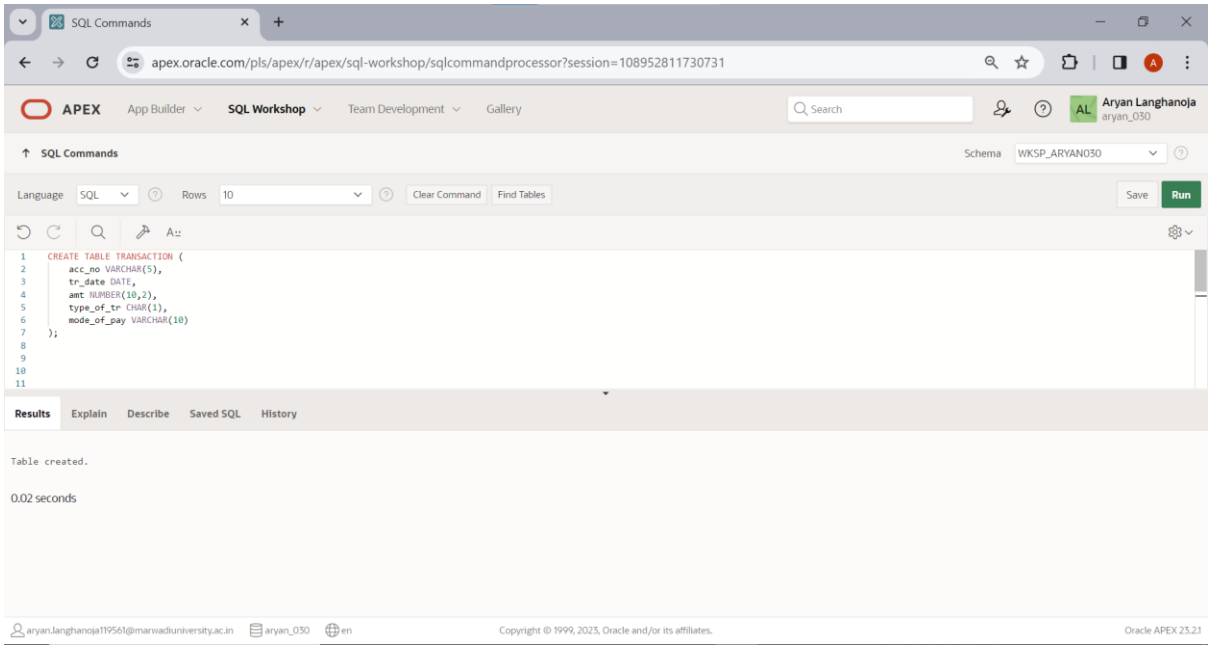
Insert following Records

Loan_ no	Inst_ no	Date	Amou nt
L001	I001	2-Feb-04	15000
L002	I002	18-June-04	20000
L003	I003	15-July-04	20000



Create a Table TRANSACTION

Column Name	Data Type	Si ze
acc_no	Varchar2	5
tr_Date	Date	
Amt	Number	10 ,2
type_of_tr	Char	1
mode_of_pay	Varchar2	10



Insert a Following Records

Acc_no	Date	Amt	Type_of_tr	Mode_of_pay
A001	3-may-04	10000	D	Cash
A002	5-july-04	5000	W	Cheque
A003	12-Aug-04	25000	D	Cheque
A004	15-may-04	30000	D	Cheque
A005	22-oct-04	15000	W	Cash

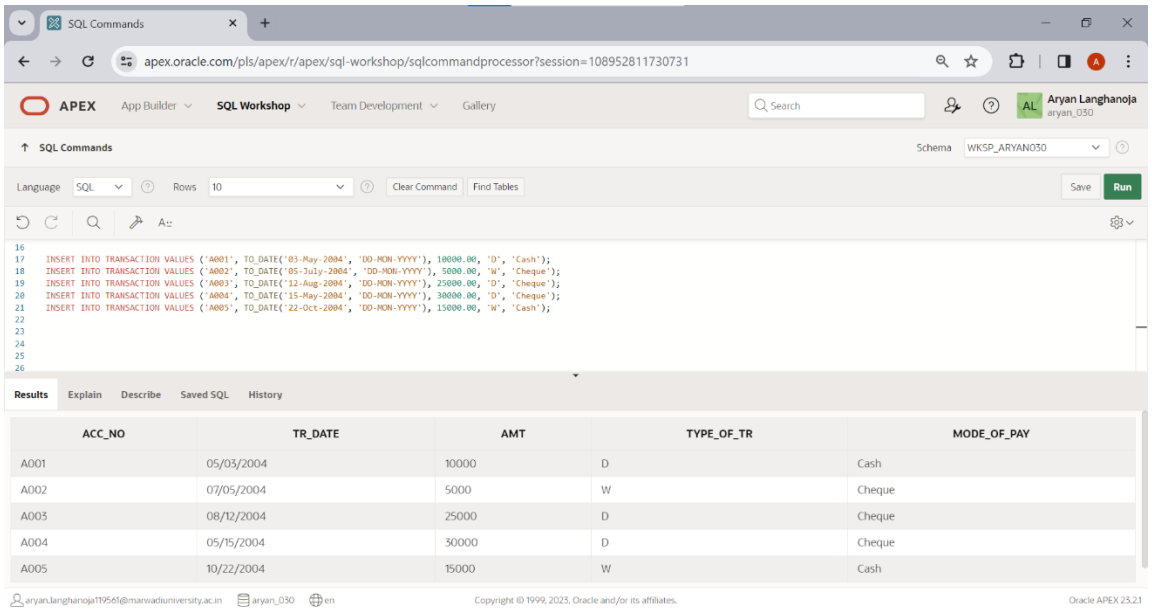
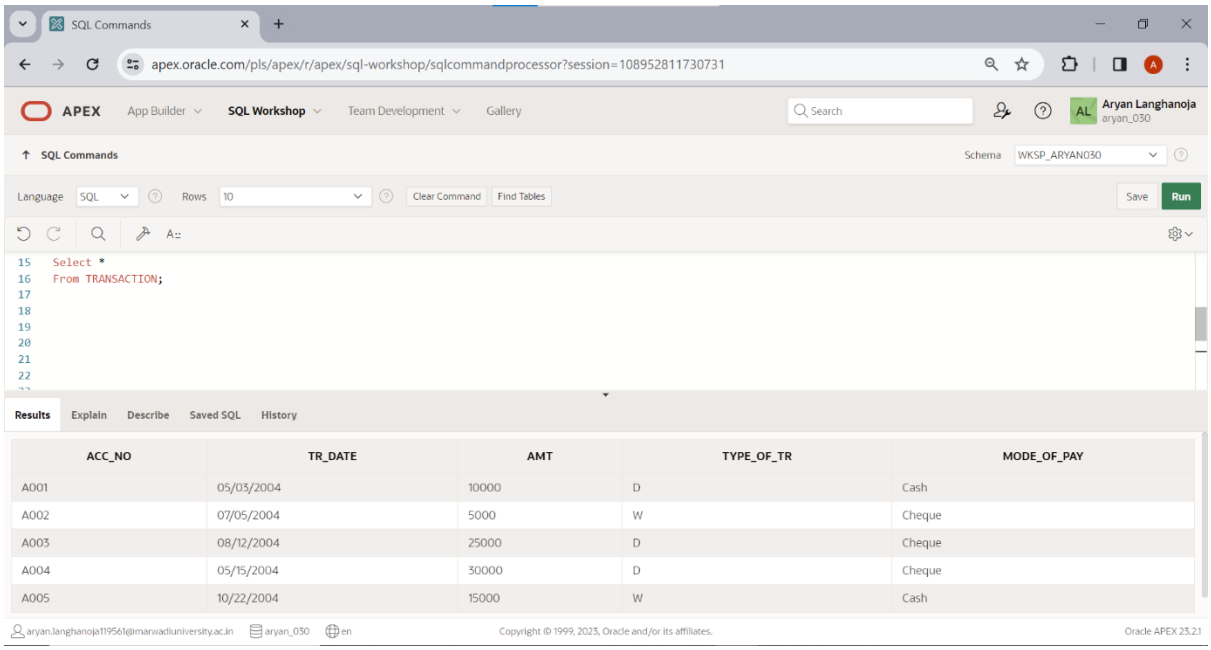


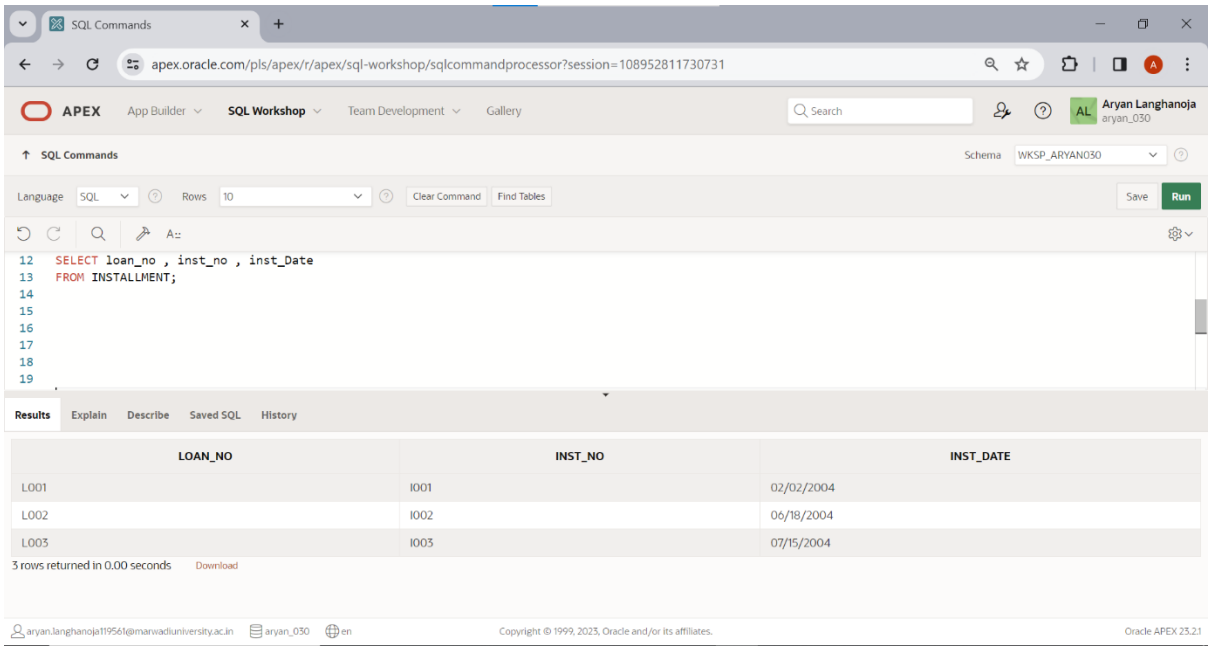
Table-Account

List of queries

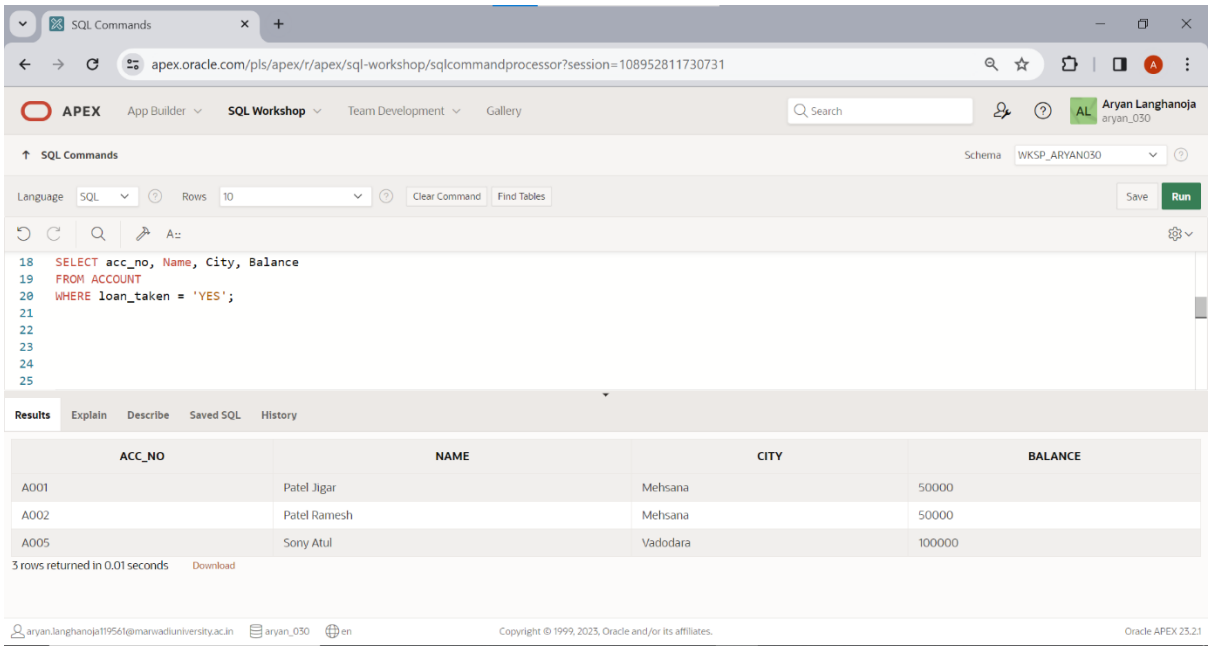
1. Display all rows and all columns of table Transaction.



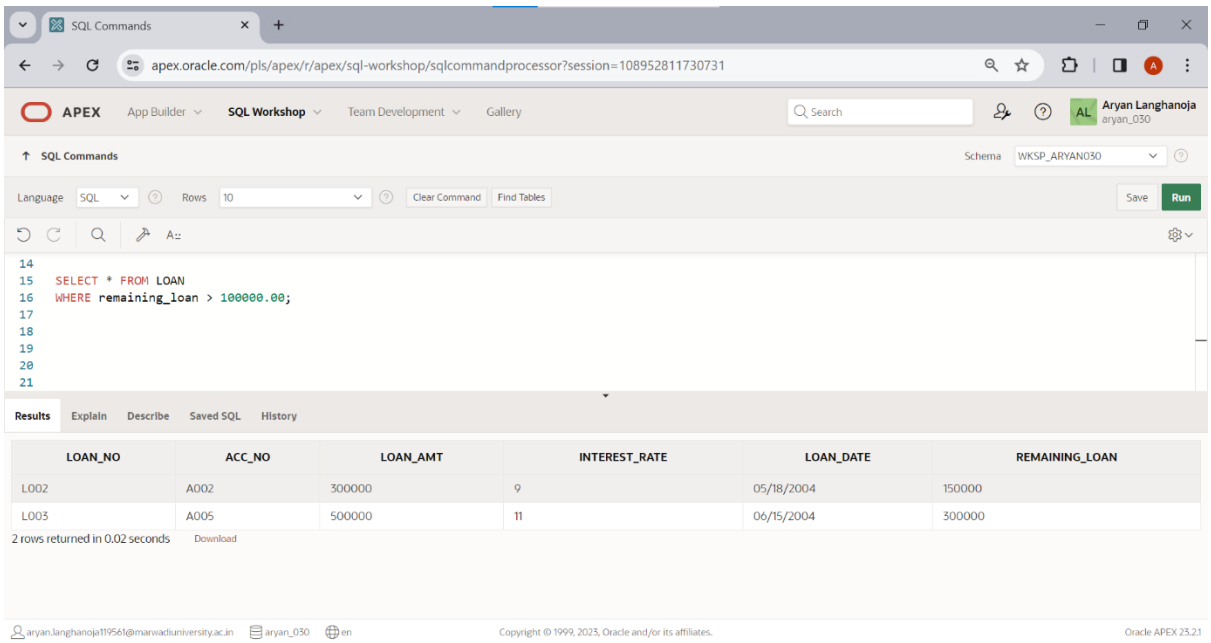
2. Display all rows and selected columns of table Installment.

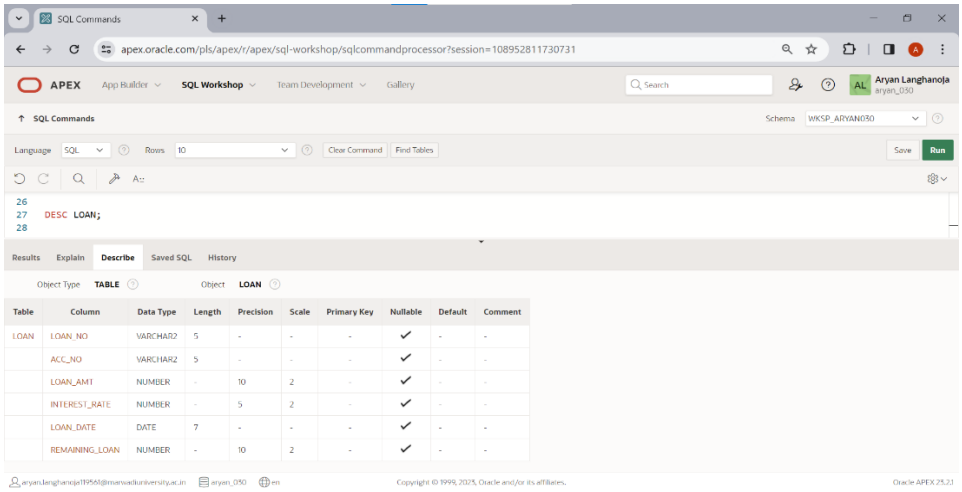
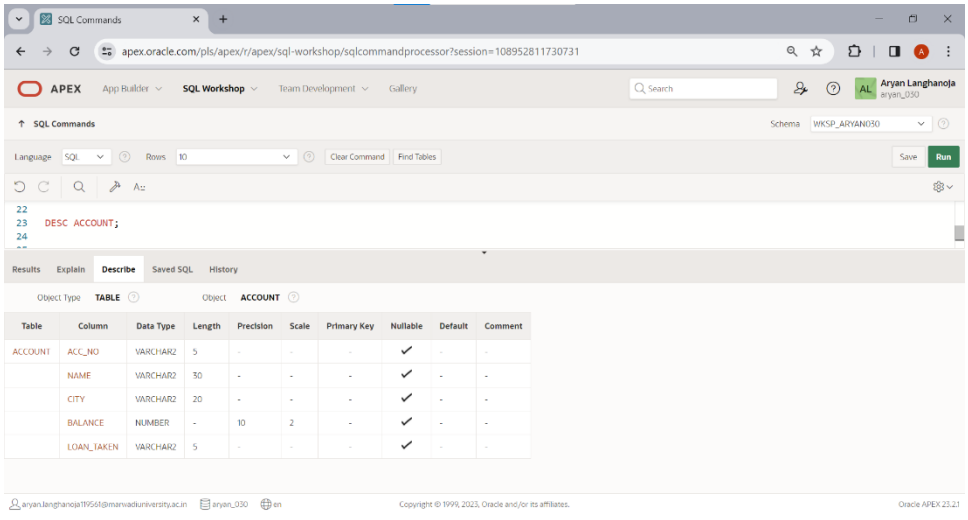
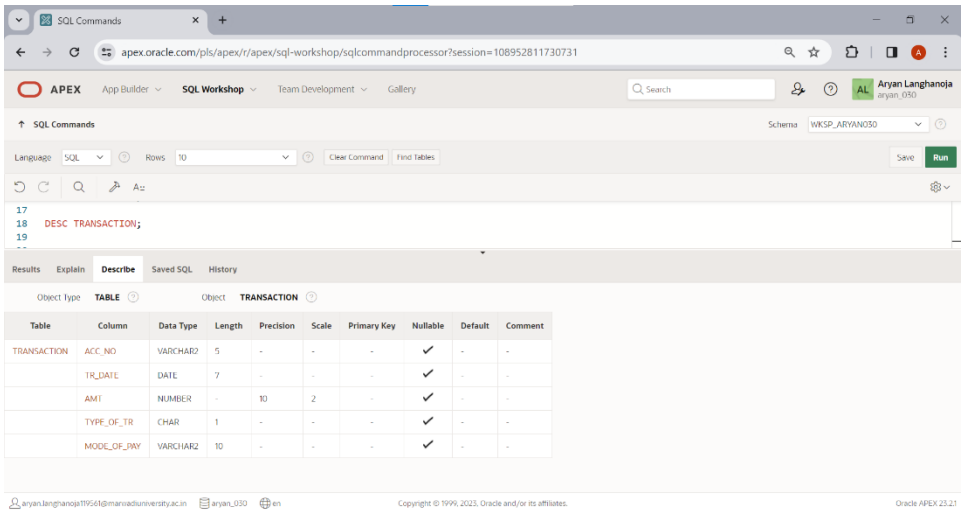


3. Display selected rows and selected columns of table Account.



4. Display selected rows and all columns of table loan.



5. Show the structure of the table loan, account and transaction.

desc loan;