**Create a console application using python and sql.**

**Description:**

1. Create a stored procedure to check the account balance.
2. Create a stored procedure to withdraw the amount.
   1. User must have a sufficient amount to withdraw money from his/her account.
   2. Minimum balance 5000 rupees must be maintained in each user account.

3. Check account statement: Users should be able to check all transactions for a given interval of time.(From date and To date)

**Table Structure**

1. **User Table**(User Id, User name, User dob,User email, User created date )
2. **Bank\_Account Table** ( User Id, bank account id, bank account number, is user active, amount )
3. **Transaction Table** (Transaction date, User Id, Bank A/C id, withdrawn amount )

**Note: If tasks 1, 2, and 3 are done, now create a console for a Python application.**

**Implement below functionality using python.**

1. Invoke stored procedure using python script.
2. Insert record using python script.
3. Use OOPs to design python programs to implement all functionality mentioned above.

**Task – 1**

CREATE DEFINER=`root`@`localhost` PROCEDURE `Account\_balance`()

BEGIN

select bank\_account\_number,amount from Bank\_Details.Bank\_Account

order by amount;

END

CREATE DEFINER=`root`@`localhost` PROCEDURE `Withdraw\_amount`()

BEGIN

select Bank\_Account.bank\_account\_number,Bank\_Account.amount from Bank\_Account

inner join Transactions

on Bank\_Account.User\_Id = Transactions.User\_Id

where

Bank\_Account.amount > Transactions.withdrawn\_amount+5000

order by Bank\_Account.amount;

END

CREATE DEFINER=`root`@`localhost` PROCEDURE `transaction\_details`( in start\_date datetime, in end\_date datetime )

begin

select \*

from Transactions

where transaction\_date between start\_date and end\_date;

end

I am also attaching the code in zip file for your review