

## Transaction Management

Without Transaction Management -----

Auto-commit = True

Every statement is committed if it is successful !!!

Account --- balance, acctNo

Account Transfer ----

1. Update balance = balance - amt where acctNo = 1
2. Update balance = balance + amt where acctNo = 2

Transaction Management comes into picture here -----

COMMIT only when 1 and 2 both are successful

if 1 is successful and 2 fails = DON'T commit

if 1 is not successful but 2 is successful don't commit

Step1

USER

auto commit = False

updateAccount(withdraw,5000,1)

updateAccount(deposit,5000,2)

mycommit

EXCEPTION

myrollback()

In the Library --- create a function to allow auto commit setting

By default set auto commit true

Give functions for mycommit and myrollback -- internally calls commit and rollback of mydb

FLASK is a web server !!!

HTTP Server = Web server = it only understands http request and it delivers http response

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HTTP Client = browser / postman / http client of java or python = it will generate http request and it will use the http response

Http documentation

<https://developer.mozilla.org/en-US/docs/Web/HTTP/Messages>

HW --- TRANSACTION MANAGEMENT ASSIGNMENT discussed above.

Also go through HTTP Messages link given above

