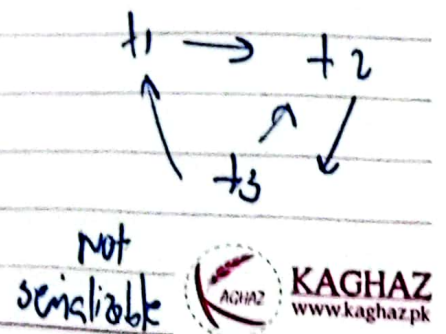
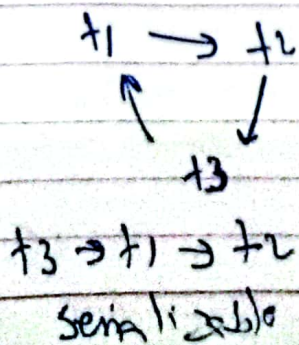
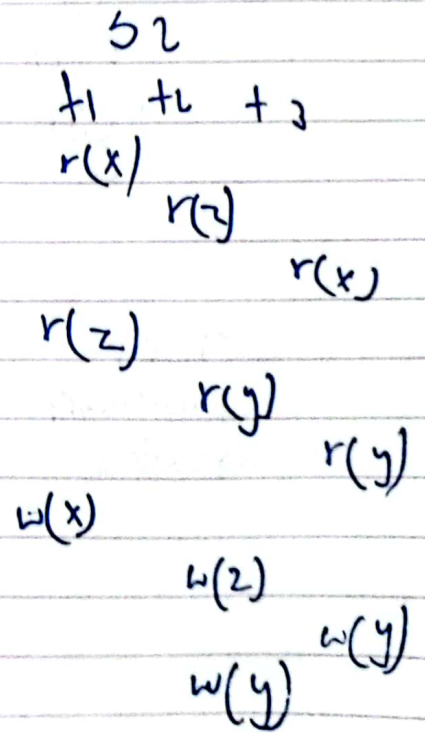
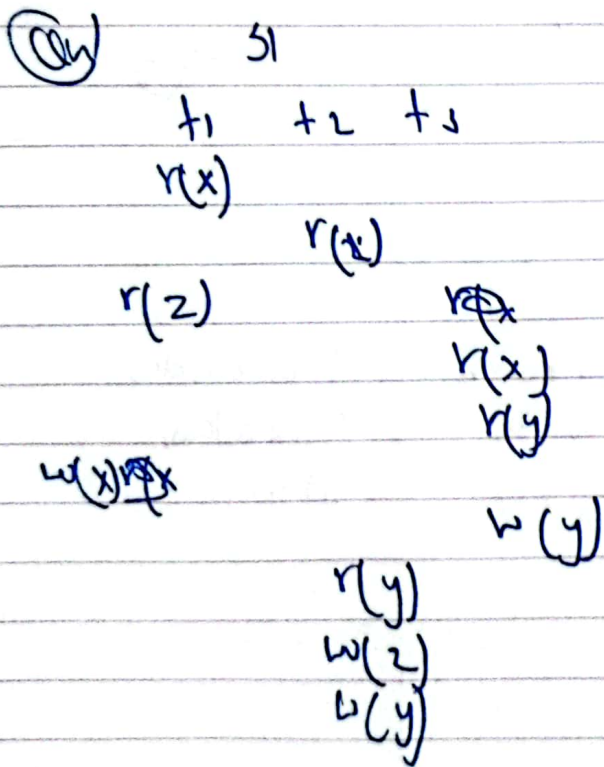
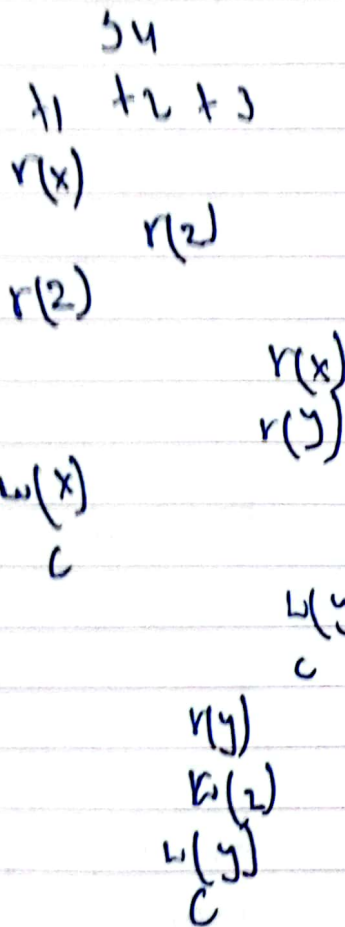


Non serializable

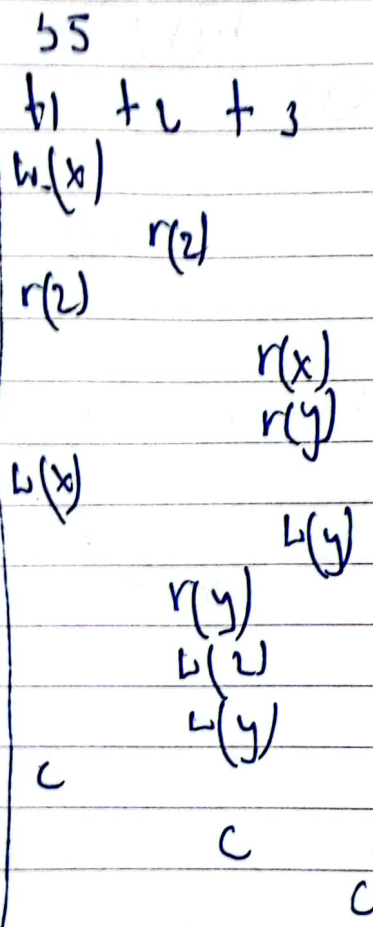


day / date:

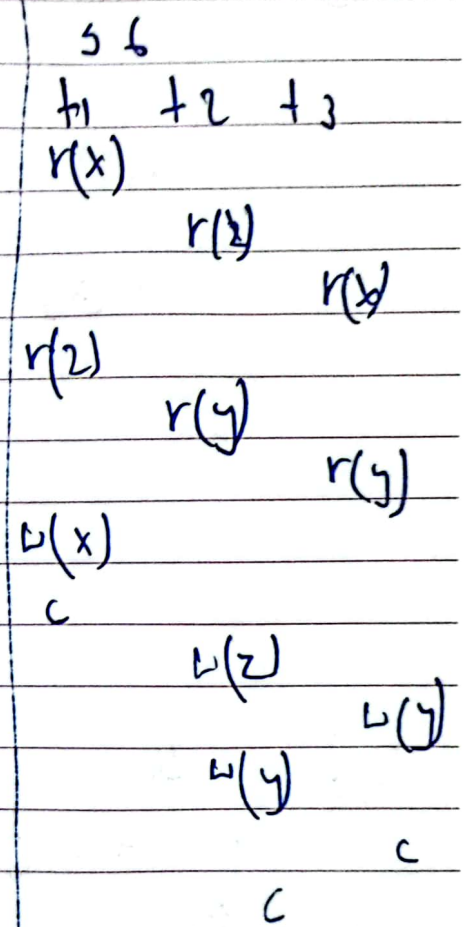
Q5



strict,
recoverable,
lossy



not recoverable,
not lossy



recoverable,
lossy,
strict

Q6

```

def get_info_lock():
    if item not self.lock
        lock[item]. Info
    return lock[item]

```

```

read lock(x):
    check lock-mode:
        if 'yes'
            grant read lock to current transaction
        if 'yes'
            then upgrade lock
        if no
            add current transaction to queue

```

```

write lock(x):
    check lock-mode transaction ID should match
    if match
        grant lock for write
    if read match
        upgrade lock mode
    if no
        add current transaction to queue

```


day / date:

unlock (x):

retrieve info for lock of transaction of item x

if 'id' match

release lock, remove tid

if writing transaction

check lock mode

if allowed

lock for first transaction queue