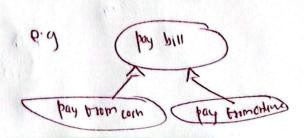
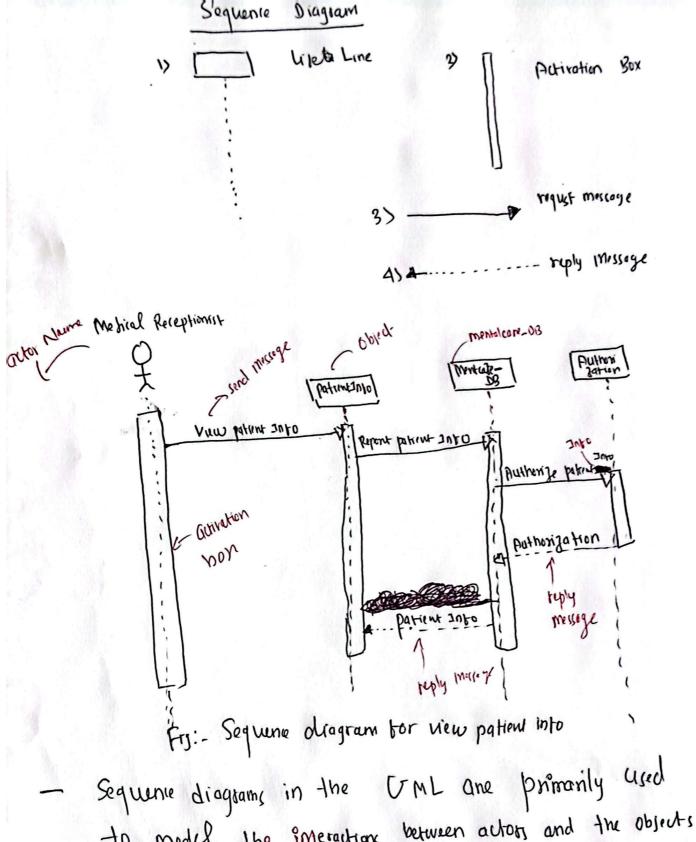


Note:- 1) of uses case excula fix 31tm (new) use case mondatons of sind wole site tited !

2) Use case execute goi stimp (nem) use case after onthe vexicula got sind extend in titer

3> Different alternation or child classes & not honore





- Sequence diagrams in the UML are primarily used to model the interactions between actors and the objects in a system and the interaction between the Objects themselves.

- Shows the dynamic behavious of a system.

Assissment 1-0 while (condition) if Condition) if body - (3) else if (contition) -4 value usob » - (6) Mote: fall it stict N(2) = NI. I redline = A V(4)= P+1=3+1=4 V(6)= F-N+2 =9-7+2 1. V141= 4

Waria Surion

"int main()

Tel valle con Fi

print ("que the value of a");

siumf (4-1.2", & a).

while (acb) -

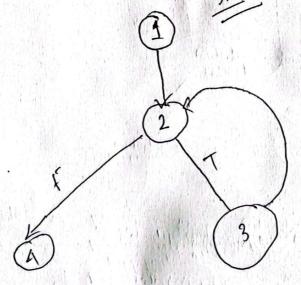
ponntf (" a is smallest"); - (3)

3

beturn 0, - (4)

3

step1 Draw blow Graph



Steen2 Determine V(4)

visi = no of tegions = 2

V(4)= p+1= 2

 $\nabla(4) = \xi - N + 2$ = 4 - 4 + 2 = 2

Stop9 Determine independent lath

24th1: 1-2-3-2

Path 2: - 1 - 2 - 4

51.04

Determine -1est case Assume Q = 5 and given b = 2; path 2: 1-2-4

: Cyclomatic complemity of given graph is 2/1.

 $\begin{cases} Assume & q=1 \text{ and } b=2 \\ Path & 1-2-3-4 \end{cases}$