**GO-BACK-N**

(p261)The purpose of this project is to transfer text file from one host to another through unreliable(lost,order,duplicate) network. There is a network emulator in between to randomly lost packet.

Packet: type(ack,data,eot),seqnum,length(of data),data,inpacket save in bytebuffer length = 512 in total.

Sender:addr of network emulator, self.udp, emulator.udp,file name

Separate file in to data packet,start ack thread.

Base =nextseq = 1

If nextseq<base+n:send,nextseq++ if nextseq == base:timer

Else:refuse

Timeout:resend,start timer

Ack:base = ack+1, if base=nextseq:timer stop

Else start timer

Receiver:ack until right seqnum(accumulative knowledgement,eventbase programming)

**SNAKE**

Work with xlib to handle event, xpending, xnextevent, display in window.

Handle key press depending on the direction of the snake and the direction of next step.

Handle collision on border, eat itself, fruit(eat or generate in itself).

Movment of snake, delete the last one

handle\_times\_tot = frames \* speed / FPS