Stack:

Determine if in form, operator+number

Start with zero, perform operatation using number

Clear= Number\*0

After each function push previous value into Undo tree

After each undo function push current value into redo tree, pop undo function

Quit= end program

>=next input

Adding to stack= head(data,previous head)

Queue:

Get x from user

time+random(1->x)=when first customer arrives

Once a customer arrives, get new y for processing time, get new x for next arrival

Current time+y, pop new from Q. print old Y plus message, print new Y plus message

Current time+x, add new to Q, generate new X, generate y for customer

Do until current time+x>720

Then run until end

Cust no= 2 global variables, incremented on arrival and departure

Determine wait, store arrival, total time-arrival=wait

Compare largest wait to current largest wait

Every loop count, see if current length is longest