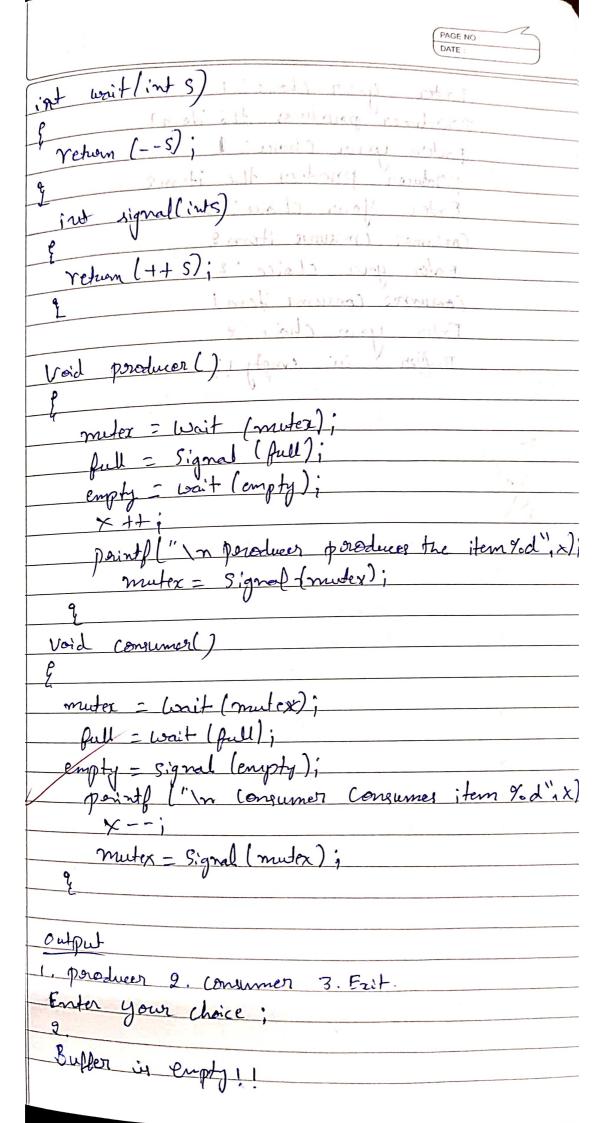
Write a c priogram to stimulate Poroduer , consumer problem wing It include < Statio. L7 # include < Stdib. 67 int mutex = 1, full = 0, empty = 3, x=0; int main() void produced () int ni void consumer (); int wait (int); int Signal (int); paint ("In1. goroducer m2. Consumer m3. Exit") Point ["In Enter your choice:");
Scanf ["/od", 54); Switch (n) Case 1: if [( muter ==1) & [ (empty !=0)] producer (); else paint ( Buffer is full!) Case 2: 1/ (mutex ==1) & E (full !=0)) consumer () porint ("Buffer is empty!!"); break; Cax 3: exit(0); refumo: 2



PAGE NO :

	DATE:
	Enter your choice ! (2 to times times
	Producer peroduces the Hem!
	Entere your Charce: 1 (2)
	perducer peroduces the item 2
	Enter your choice: 21 Margan desi
	Consumer Consumes Hom 2
	Forter your Choice: 2: (2 +1)
	Consumes Consumes item!
	Enter your Choice: 2
	Buffer is empty !! ) and not had
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Producer produces item: Consumer consumes item: 1 Producer produces item: 1 1 Consumer consumes item: 1 Producer produces item: 1 Consumer consumes item: 1 Producer produces item: Consumer consumes item: 1 Producer produces item: 1 1 Consumer consumes item: Producer produces item: 1 Consumer consumes item: 1 Producer produces item: 1