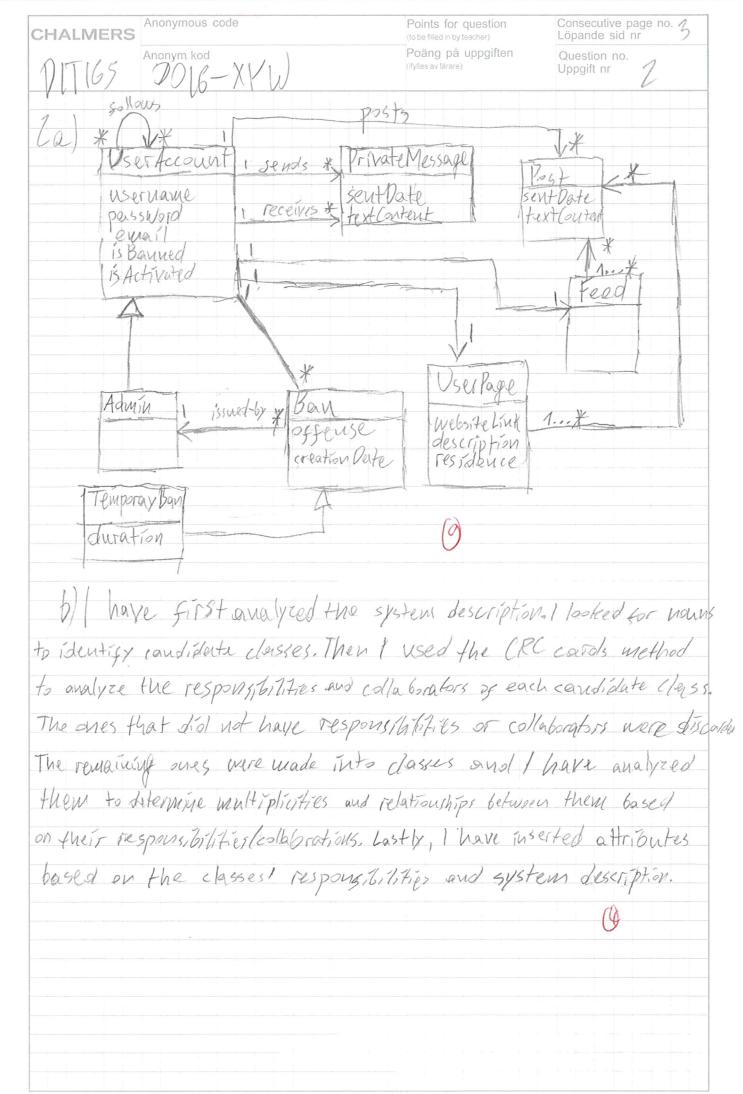
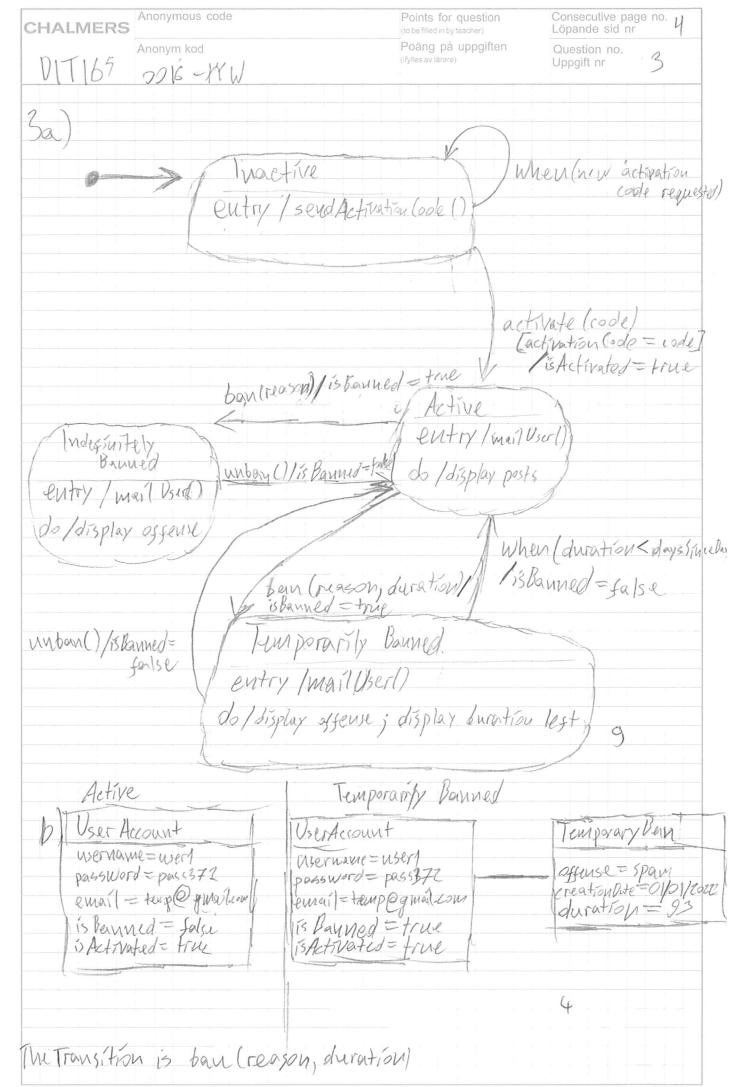
CHALMERS EXAMINATION/TENTAMEN

Course code/kurskod	Course name/kursnamn			
NT 185	Softwo	ate Aughtis a	ud Design	
Anonymous code Anonym kod	3	Examination date Tentamensdatum	Number of pages Antal blad	Grade Betyg
0016-XX1	\mathcal{J}	2025-01-05	\\	5

^{*} I confirm that I've no mobile or other similar electronic equipment available during the examination. Jag intygar att jag inte har mobiltelefon eller annan liknande elektronisk utrustning tillgänglig under eximinationen.

eximinatio	onen.				
Solved task Behandlade uppgifter No/nr		Points per task Poäng på uppgiften	Observe: Areas with bold contour are to completed by the teacher. Anmärkning: Rutor inom bred kontur ifylles av lärare.		
1	X	13			
2	X	13			
3	X	13			
4	X	17			
5	Х	12			
6	X	10			
7	X	12	,		
8	X	15			
9					
10					
11					
12					
13					
14					
15					
16					
17					
Bonus poäng					
Total exam points Summa po		99			





Answer only one question on this page. Do not write on the back of this paper Behandla endast en uppgift på detta blad. Skriv ej på baksidan

CHALMERS Anonymous code	Points for question (to be filled in by teacher)	Consecutive page no. Löpande sid nr
017 69 Anonym kod 00 (6-XY)	Poäng på uppgiften (ifylles av lärare)	Question no. Uppgift nr
		V
66) 1. The year Account in and a message function s	ust have a follow	(1 function
and a message and tion s	ince Holyare of	exerced to in the
sequence d'aprans.	101070101	
No other violation reen	n to be present	
	(Z)	
	,	

Answer only one question on this page. Do not write on the back of this paper Behandla endast en uppdift på detta blad. Skriv ei på baksidan

Consecutive page no. Löpande sid nr Anonymous code Points for question CHALMERS DITIGA Poäng på uppgiften Anonym kod Question no. 2016-XXW Uppgift nr paration of conferm 8 a The Employee class suffers from a number of problems. The main one is the lack of superation of converns as the class has too wally methods that should onot be part of this class. Reading/Writing from disk, XML coention/partiting and report displaying can be moved to disputit classes. This would help with DRY principle since now we need to repeat similar methody for each new class. For example is an formin Closs is added and needs to have the read/write to disk functionality, we would need to repeat ourselves, but is we have a Disklyrter class We don't have to reimplement (almost) the same coole. 11 Hander Employee encapsulated attributes stcreateXML(e: Employee): String + parexML(e: Employee) xml: string): Vaid Halculerte Pay (): double Healquiate Taxes (): double getters and setters Keport Visplayer for attributes +displayanEmployerReportle: Employee 15: Printsfryam) +displayOuPayollReportlei Employue, siPrintstrano, + display on Tax Reportle: Employee, s: Printstream HWrite To Drsk (e: Employee); void + read Fram Drs K(e: Employee); void

CHALMERS Anonymous code	Points for question (to be filled in by teacher)	Consecutive page no. Löpande sid nr
Anonym kod OOK-XYW	Poäng på uppgiften (ifylles av lärare)	Question no. Uppgift nr
Sc. Since the attributes of th	e emplyee we	re yet present,
I have implicitly added them, to		
improving encaphation. I have	also weated	3 extra plasses
for: XML, Report and Read		
improving reparetion of concessis si		
13061. This also means that put		
helper classes helping with D		
	(3)	