

Antal blad / Number of sheets

TENTAMEN / EXAMINATION

Anvisningar:

Skriv din anonymitetskod på varje blad.

Endast en uppgift får lösas på varje blad.

Var vänlig skriv tydligt!

Instructions:

Write your anonymous code on each sheet.

Answer only one question on each sheet.

Please write clearly!

Vänligen texta anonymitetskoden i textboxen enligt exempel nedan! Please write the Anonymous Code clearly in the textbox like example below!

Bokstäver/Letters:

Siffror/Numbers:

A-B-C-D-E-F-G-H-I-J-K-L-M-N-O

0-1-2-3-4-5-6-7-8-9

P-Q-R-S-T-U-V-W-X-Y-Z-Å-Ä-Ö

Exempel:

Α	В	С	1	7	Ø	-	Ø	1	7
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IS6B24	Webbutvecklingsprojekt
Kurskod + Kurs / Course	Code + Course:

Owektorienteggt Modellering

Delkurs / Part course:

Anonymitetskod / Anonymous code =	
Kurskod + kodnr / course code + code number	

|--|

Tentamensdatum / Examination date:

3/10-2016

Behandlade uppgifter / Solved problems

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
V	V	~	V	~	/									
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

Ifylles av lärare / To be completed by the examiner

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

Poäng / Marks gained:	_ Lones
Betyg / Grade:	Examin. lärare / Kursansvarig signatur / Signature of the examine
Max poäng / Total marks gained:	
För Gk poäng / Marks gainedto be passed:	Namnförtydligande / Clarification of the signature

T		
Häftområde	Ange anonymitetskod / Write your anonymity code (Vid icke anonym tentamen ange kurskod + namn + personnummer) (For non-anonymous exams write the course code + name + civic registration number)	Löpande sidnr Consecutive no:
ıråde	ISGB24 - \$\phi 2	2
etta o	(foets)	Uppgift nr / Question no:
7.0	Simple example number two:	1
Skriv ej i detta onre	ISGB24 - \$\phi 2 [foots) Simple example number +wo:	Poäng / Points awarded:
100	[CLASS9] association Name [CLASS2]	Lärarens
	***	anteckning Examiner's remarks:
	In this example, the association end name is the	
	multiplicity between the state. It can also have	
7	the constant = {orvered}, {bas} or {sequence}	
	n) .	
7	D) A qualified association is used to use one	
	element from another class. And instead of connecting)
	the two classes, we only connect a class's eburet	l
	to another class. This is virst a way to specify	
	the diagram even better.	
	Simple example:	
	[CLASS1 qualified Association] [CLASS2]	
	1 - Tanalitico Menderation 1	
**		
ersitetstryckeriet		
ersitet		

Häftområde	Ange anonymitetskod / Write your anonymity code (Vid icke anonym tentamen ange kurskod + namn + personnummer) (For non-anonymous exams write the course code + name + civic registration number)	Löpande sidnr Consecutive no:
Skriv ej i detta områ	D) An enameration is a type of constanting because	Uppgift nr / Question no:
Skriv ej	1 CHAMCIALI - 1	Poäng / Points awarded:
	CLASSNAME attribute1	Lärarens anteckning Examiner's remarks
7	Operation	
7	Generalization let us group obviects by differences	(01)
	and similarities and its easier to work with, change, overview and bost of all: Reuse of code,	
	example?	
yckeriet		
Universitetstryckeriet	Behandla endast en uppgift per sida / Answer only one question per page	

Häfto	TO UNIDA	Ange anonymitetskod / Write your anonymity code (Vid icke anonym tentamen ange kurskod + namn + personnummer) (For non-anonymous exams write the course code + name + civic registration number)	Löpande sidnr Consecutive no:
Häftområde	Plank Plank	ISGB24 - ØØ2	5
etta	& A) A decired eleme	ent is represented by a	Uppgift nr / Question no:
Skriv ej i de	Slash (/) in fo	ont of the element's name.	Poäng / Points
Skr	Example 1= (decived C	(485) example 2: (derived association)	awarded:
	/distred [1955]	Class 9 Accidentation Class2	Lärarens anteckning Examiner's remarks:
	attai bute		
/ /	operation		
Y	A derived element	is redundant, Because it can	
7	It's represented in An	other way. (the values can be found	(1,5)
	Without the diseved	element).	
	BI	7	
7	Packages can be place	ced on an obvioct to show that	
1	it is a part of a	a peckage. The notation is	
	N infront of &	object in a class. or	
	as a folder in	diagram. Examples;	0,5)
	CL1559		
	Nattribute	and package Hame	
not	operation		
Lyners)	NOTE the "D". Con 1		
C. S. Seco.	D) A composition is	a strict form of aggregation	
4		association) and it explains	
	That there can on	ly be one or the other,	
	(not like aggregation	where a class can consist of	
	different parts).		
	Composition: - one w	ay (sestict multible gassociations)	
	- The ex	fended objects will "die" it the	(3)
	Connect	ion is deleted.	
	Simple example of no	otation:	
riet		LIGSS	
Universitetstryckeriet			-
Jniversite			
_	Behandla endast en uppgift per sida / Answer of	nly one question per page	800 <u>= </u>

Häftområde	Ange anonymitetskod / Write your anonymity code (Vid icke anonym tentamen ange kurskod + namn + personnummer) (For non-anonymous exams write the course code + name + civic registration number)	Löpande sidnr Consecutive no:
dettaor	(Note that this is the () anwer!	Uppgift nr / Question no:
Skriv ej i detta onn s	ISGB24-Ø\$2 Note that this is the C) anwer! () You can restrict aggregation (associations) between classes by using composition.	Poäng / Points awarded:
	It coeates an exclusive one-way opertunity	Lärarens anteckning
7	to let 4 class share an object with another class, but still remain the same way (not affected	Examiner's remarks:
1	by the other class)	
	Simple notation;	(15)
	CLASS7 CLASS 2	
	1 1	
Keriet		
Universitetstryckeriet	•	
Univers	Behandla endast en uppgift per sida / Answer only one question per page	
	penantia entast en uppgin per sida / Ariswer only one question per page	

Häftområde



Ange anonymitetskod / Write your anonymity code (Vid icke anonym tentamen ange kurskod + namn + personnummer) (For non-anonymous exams write the course code + name + civic registration number)

Löpande sidnr

Consecutive no:

ISGB24-002 A) Back room madeling is one of the slowest

in the Jevelorment of a system.

Uppgift nr / Question no:

Poäng / Points awarded:

Lärarens anteckning Examiner's remarks:

Computers, paper, pens, boards, projectors etc are

(phased) development model. It is used to

Combine the developers, expects and customer

used to make it easier for the customer to

understand the System.

The time it takes to do back room modeling

about 15 * 2 hours and involves customer

and some medium-grade exposin the development team (sometimes advanced experts voin).

Customer take notes, are questions.

+ Customers can enstanize application and develop the system

- time consuming (customer might not know what's best)

B) Live modeling is a very fast phase development

Of a system Jeveloped my expert who master the subject. In these seens rions the developers

usually program software as they discuss it

as a group. The time it takes to develop a

System using the Live modeling model is

usually: 3 x 6 hours (with expects and developmes).

The customer may voin but will probleby

slow Jown the development 14 is better that

an expert describe the rustern for the

Customer.

+ fast Jevelopment

+ made by expects

- customer not involved/familiat with the

application/system