

Antal blad / Number of sheets

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
---	---	---	---	---	---	---	---	---	---

1) V G A Ø 8 Grundläggande programmering
Kurskod + Kurs / Course Code + Course:

Delkurs / Part course:

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

Tentamensdatum / Examination date:

2017-01-18

Behandlade uppgifter / Solved problems

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
X	Χ	X	Χ	X	X	X	Χ							
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
8	55	8	6	8	5	5	6							
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

		5	5
Poäng / Marks gaine	ed:		1,
3			-

För Gk poäng / Marks gainedto be passed:

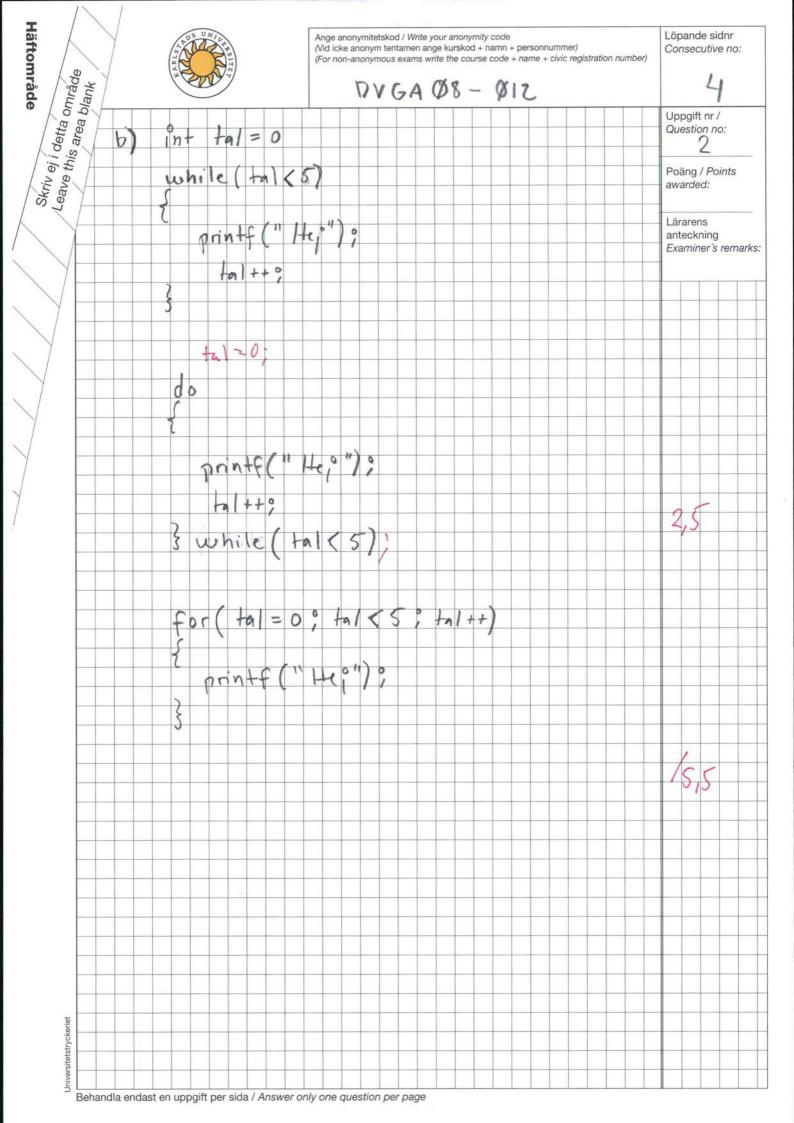
Betyg / Grade:

Examin. lärare / Kursansvarig signatur / Signature of the examiner

Max poäng / Total marks gained:

Namnförtydligande / Clarification of the signature

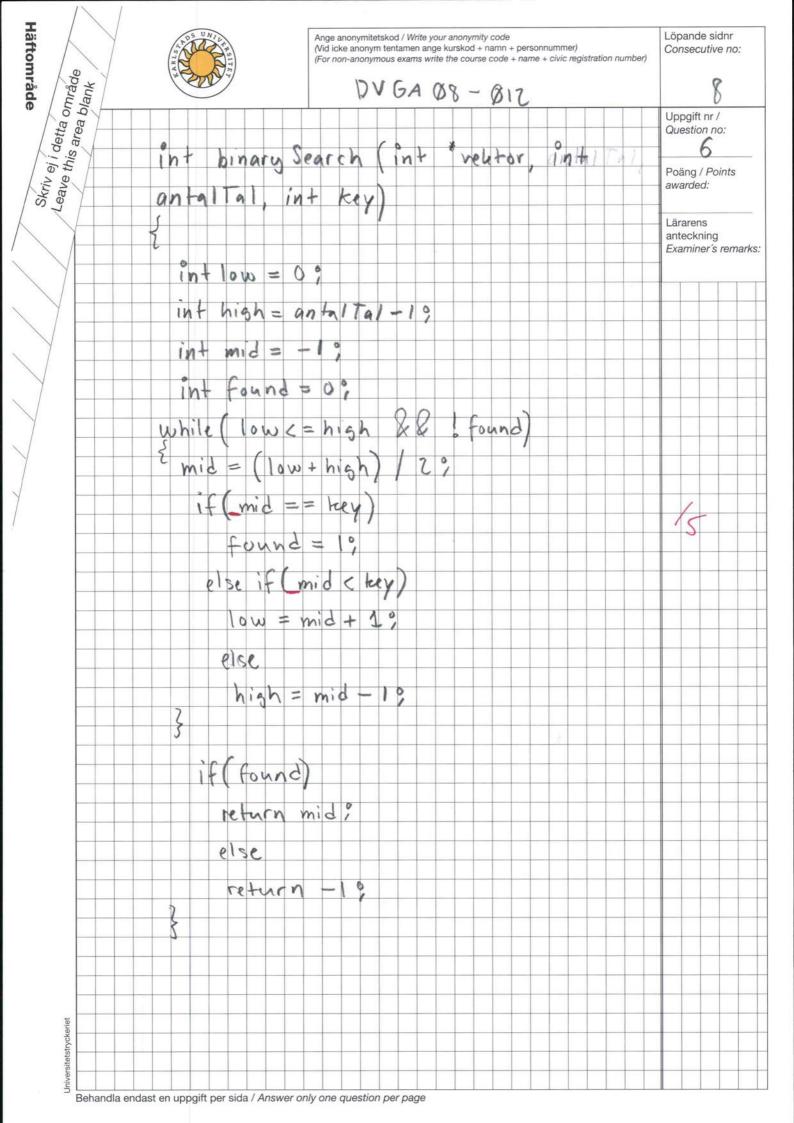
Häftområde		ST S	DS UNILERS	Ange anonymitetskod / Write your anonymity code (Vid icke anonym tentamen ange kurskod + namn + personnummer) (For non-anonymous exams write the course code + name + civic registration number)	Löpande sidnr Consecutive no:
mråd	ank	(A)		DVGA 88-012	3
Skriv ej i detta onris	area blank	# 10	nclude < sta	10.h>	Uppgift nr / Question no:
Skriv ej i	a	int	main ()		Poäng / Points awarded:
7		{	int tal, 1	arge, antal = 0?	Lärarens anteckning Examiner's remarks
7			printf ("An		
1			scanf (" %	d", & tal)?	
1			large =	Fa) 9	
			if ( +a1 °1	2 = 0) - ct stosta met de	
/			3 antal	-+ 9	
			while ( tal	(0 = 0	
			printf ("A	nge ytterligare ett tal");	5
			scanf ("		
			{		
		-	3	rge = tal?	
			17 (tal)	102==0)	
			antal	++ \$	
			}		
			printf ("T	et storsta talet or Yed och	
iei		910d		tiva", large, antal)?	
Universitetstryckeriet		retu	rn 0;		



Leave this	nrk Ink					KARLS7	200		SPSITE?				1 (	Vid ic	ke a	nony	m to	kod / Nentam us exa	en ar	nge vrite	the o	kod cour	+ nai	mn +	+ nar	sonn me +	umme civic r	r) egistra	ation	numb	er)	Löj	pand nsed	de sie	dnr e no:	
0	bla I	h								Т			_			T	T	T	1	T	T	T	T					Т	Т	T		Up	pgif	t nr /	,	_
etta	area	H	a)		1	1+	2	15	£	te	h	7	١i	r		2	2 .	0	0	0	0 6		4		0 (	) (	0		1	1	)	Qu	esti	on no	o:	
11 d	2 1		1				-		1	1	1			-			1																	V		
10 4																																	äng arde	/ Po	ints	
-eal	$\mathcal{I}$		,											L,				1			1	_							1	,	1	J	u, u	, ,		
7	$\square$		b	_	U	ł.	sle	01	te	n	p	lig	:		) a	nt	١,	h	a	r	1	14	4	1	-		-	-	+				rare			
	$\vdash$							-	-	-	-			-	-	+	+	+	+	+	+	+	+	-			-	+	+	+	+			ning ner's	rema	arı
Y	H								+	+					H	+	+	+	+	+	+	+	+	-					+	+						
			1	)	()	+	31	er	t	te	n	1	11	r		1	1	)		t	$^{\dagger}$	Ť								1	1					
Y			1			·	9.		1	-				•		Τ,			T	T																
			,	\																										0						
7			d		1	1+	2	er	if	te	n		6	ir	:		6		8	P	1	1	9		1	0		4		- 12	)_			,		_
							-	-	Ļ	-				-	-	-	+	-	+	+	+	0 1						+			-		10	-		_
							-	-	-	-	-		-	-		+	+	+	-	+	+	+	+					+	+	-	+	-	0	)		
							-	-	+	-				+	+	+	+	+	+	+		+	-					+	+		+		H			
																				t																Ī
									T						T		T			T																
																	1			1									4		-					
							H	L	-	-	-		-	-	-	-	+	_	-	+	+	+	_					-	+	-	+	-	-			
							-	+	+	-	+	-	┝	+	+	+	+	+	+	+	+	+	-						+		+	-				
					-	-	-	+	+		+	-	+	-	+	-	+	+	+	+	+	+	+					-	+	+	+	$\vdash$	-			
							$\vdash$	+	+		+	-		+	+		+	+	+	+	+	+							+		t	1				
														T	T	T			T	Ť	Ť										T	T				
											1			-	1	-	1	+		1	-	4						_	+	_	+	-				_
				_	-	H	-	H	+	+	+	-	-	-	+	+	+	+	+	÷	+	4						+	+	+	+	-	-	-		
					-	-		+	+	+	+	-	-	+	+	+	+	+	+	+	+	-	-							+	+	1				
				-	-	-		+	+		-			-	+	+	+		+	+							$\vdash$				+	+				
									+	+							+																			
																																				Ī
									1				-			_		_	+	+	+	4							-		-	-				
					-	-	-	+	-	-	-	-	-	-		+	-		+	+		-	-						+	-	+	-			$\vdash$	
					-	-		-	+	-	-	-	-	-	-	+	+		+	+	+	+	+					+	+		+	+			$\vdash$	
					+	-	-	+	+		+	+	+		+	+	+	+	+	+	+	+						+	+		+	1			$\vdash$	
					+			+	+		+				1	+	+	+		+	+	+	+					1	+		+					
													T								1															
90070																					1							1								
keriet					-	-		-	+	-	+	-	-	-	-	-	+	-	-	-	+	-	_					+	+		+	-	-	-		
Universitetstryckeriet				-	-	-	-		+	+	-	-	-	+	+	-	+	-	+	+	+	+	+				$\vdash$	+	+		+	-	+			
rsite			-	-	-	-		+	+	+	+	+	+	+	+	+	+	+	+	+	+	-						+	+		+	+	-	-	$\vdash$	-

Häftområde	40e		A P S U N I	AURSITE			(Vid id	non-ar	nonyn	n tent	amer exam	n ang	ge kur ite the	rskod e cou	i + na urse c	ode	+ per: + nar	sonni me +	ummer civic re	) egistra	ation	num	nber)			e sidi	
de d	area blan	a)	# in	clude 3 s	\c'	sta	11:			>			777					< 4	m	٥,	h	>			pgift estio	nr /	
Skriv ej i detta områd.		,	{	veht		-		0																aw	arde		its
			int		ti	me	(1	V	) L	L)	))	0												ant	raren teckr amin	ing	emark
				( )	= 0	0 0	1 <	1	0	0 %	0	+-	+)														
			{	Vele	to	(li	T .	=	r(	an,	9	(	)	°/	3	6		- 7									
			}			,	1																3				
/				print	1		De		")	0/	4	-a) (	en		2	u	M	79	de	_ \$							
			}	retu									,														
		b)	0	nt		# i				-	ch			n *	10000	1			191	-	×	8 8	2)				
			1	if(		str	- (	m	9	(	S	1	,	2	2	.)	11	: =	: (	) )							
				{		19	+	10	n	1	0												2				
					s els,	e																	)				
					{	red	TAP	- W	(	) 9														/	6		
					}																						
Universitetstryckeriet			}	)																							

mråde			RLS	San Contraction	P	RS1T				N	id ic	ke ar	onyr	n ten	tame	n ang	ge ku	rsko	d + n	amn	+ per	rsonn me +	numn civic	ner) : regis	stratio	on nu	umbe	r)	Löp Cor			inr e no:
1	ank		AX AX	<b>O</b>	10	17							1	) V	G	A	Ø	8	_	Ø	17	_									7	
detta o	d ea p	1.		Str	(	PV	/ (	-	-1		+	i la	13	,	"	T	ha	2 (	da	rl	e	k	ni	5 h	1+	")	01			ogift estio		
Leave this are område				F1		Y	ea	r	1	1	2 (	) ()	8	0													2	ر		ing /	Poi	nts
t e		2.		n	n	+ 4	(	1 0	100	4	11		2	;+1	١ ٦	er	(		f	1.	. +	· 1	e l	))	01		2	,	ant	aren eckr	ing	remark
		3.		84	•	CP	V	(	4	-1			Ŧ	l	) 0												C				57 5 7	
1		4.		8	tr	CP	7	(	k	90	16	8		F 7		4,	te	1	) (	٥							2					
/		5.				- 1	1	/			_	in			0,			_														
		).	5	P	ì	ut	<u> </u>	=		f		70		(		C'i	(n	u	r.	d	4+	11	-11	rb	11	)	0					
			f	reo	4	(	f	P	o i	n -	e	1	1	- 2	1-1	,	ì.	re	0	f (		-i	m	),	, ]		0,		2			
				Fc	10	ક્રા	- (		F	Po	ir	1+	e	) ,																		
																													1	8		
																												-				
-																																
riet	1																															
Universitetstryckeriet																																+



1		Y	/			15 K	05	UN	1250	200					(Vid	icke	anor	nym	tent	amer	ang	e ku	rsko	mity o	amn -	+ per	sonn	umm	ier)				,			e sidnr
nråde	ank					KARL		D	D.	TE					(For	non-	anoi							gurse d					regis	stratio	on nu	ımbei	r)			9
Leave this conrad	drea b		a)		(	U I	+ :	2 1	er	i f	te	n		Ь	li	r:		ć	21												-	3			ogift estio	nr / n no: <b>7</b>
eave thi	4	+																						_											ing / arded	Points d:
7			b)	)		Sa -							a <sup>1</sup> (			il						i	,	( '	a =	2 2	6	)	,					ant	aren: eckn	
Y			0	r			70		ir		a		a		-	le				Pd	d		0.	ara	а и	ne	te	rr	1	7						
				S							r				fai						n		-	94		no				ch						
		P	ro	9	P	n	n 1	n	e 1	-	1				RI		5	4		in		1		en		eu	,,	5	le 1	و٠	10	0	P			
		0	c	1		þ.	11		8	10	et	-	k	in	20	h	ar	E.	P		95	M	И	ny	ne	+		na	~			2	_			
		m	ir	In	1	-	,	10	RV		3	14	t.																					1	5	
		+																																		
															+		+																			
													+		+																					
							-																													
												+																								
keriet																																				
Universitetstryckeriet								+				-					+	-														-				

