## CHALMERS EXAMINATION/TENTAMEN

Course code/kurskod	Course name/kursnamn			
TDA955	Introduction	n to function	al program	ming
Anonymous code Anonym kod		Examination date Tentamensdatum	Number of pages Antal blad	Grade Betyg
TDA555-0038-RBS		2013-08-15	- \ O	4

<sup>\*</sup> 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.

Behandlade uppgifter		Points per task Poäng på	Observe: Areas with bold contour are to completed by the teacher.		
No/nr		uppgiften	Anmärkning: Rutor inom bred kontur ifylles av lärare.		
1	X	G			
2	Х	G			
3	X	C			
4	χ	0 6 6			
5	X	G			
6	X				
7	X	G			
8	X	6.			
9	У	V			
10					
11					
12					
13					
14					
15					
16					
17					
Bonus poäng					
Total exam points Summa poi	äng	7/1			

CHALMERS	Anonymous code	Points for question (to be filled in by teacher)	Consecutive page no. Löpande sid nr
	Anonym kod TDA555-0038-RBS	Poäng på uppgiften (ifylles av lärare)	Question no. Uppgift nr
	[1,0,1] = 3 def		
	om $(g \circ [1, 0, 1]) =$ $(1 * 2^{ND} : g (0+1)$	, , , , , , , , , , , , , , , , , , ,	
	$(15.0 \times 2.9(1+$		. 0
	(1:0:1*2"2:0		
= Sum	(1:8:4:[])		
= 50m	[1,0,4]=3	def gum?	
	: Num $a \Rightarrow [a] \Rightarrow$ $f:: [Int] \rightarrow Int$		ral case) ific case)
		u a => [a	

HALMERS	Anonymous code	Points for question (to be filled in by teacher)	Consecutive page no. Löpande sid nr	
	Anonym kod TDA555-0038-RBS	Poäng på uppgiften (ifylles av lärare)	Question no. Uppgift nr	
read	Devson: IO Person			
read !	Deuson = do			
	name < read User	(not. null)	id "Name:	
	age < rend User	(au is Digit)	read "Age: "	
	yn & read User "wo.	( elem ["y",	[n"]) convert	
			tı.	
	return & Person nau	are age yn	7	
	where read User :: (C	string > Bool)=	String sa)	
		> Sting - I(		
	read User p	fq = do		
	put Str 9	7		
	a & get Li	ne		
		en return (f	a) else do	
		Ln 'Involid I	nput	
	Convert :: String		0	
	convert an =	False	8	
ς				
7	he p parameter	is a pre	dicate on	
	the input strig.			
	the f parameter i	s the course	rgion function	
	from string to typ			
	9		+0 00	
	he a toogrameter is	4 4 1 200-	i - asu	
+	he user.			

case key of

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Del > St (check (cur-1)) (take (length before -1),

refore t \* after) (lip

Goleft > St (check (cur-1)) content clip

Gokight > St (chech (cur-1)) content clip

Copy > St (cur - length word) for word

Paste > St (w) (content ++ chip) clip

where \_ should he at

curson