Discussion Guidelines

Resources

Exploring Engineering

Syllabus

Courseware

Course Info

FIRST PROGRAM CODE

Discussion

Wiki

Progress

How to Use Jade Help FIRST PROGRAM USING BRANCH INSTRUCTIONS 0:00 / 2:16 1.0x .txt Download transcript **Show Discussion** New Post

1 of 4 04/29/2015 02:25 PM

	2:05 / 2:05					1.0%			
	3:06 / 3:06					1.0x			
Dow	nload transcript	.txt							
	Show Discussion						(A)	New Po	et
	Show Discussion							New Po	st
1. CF	HECK YOUR UN	s a true statemen		ructions at x3004 and x30	09 of the program?		3	New Po	est
1. CF	HECK YOUR UN n of the following is Both are co	s a true statemen	nt regarding the BR inst	ructions at x3004 and x30	09 of the program?		3	New Po	est
1. CF	HECK YOUR UN n of the following is Both are co	s a true statemen inditional branch nconditional bran	nt regarding the BR inst instructions.					New Po	est
1. CH	HECK YOUR UN of the following is Both are co Both are ur The BR at x	s a true statemen inditional branch nconditional bran 3004 is an uncon	nt regarding the BR inst instructions. nch instructions. nditional branch instruc	ition and the BR at x3009 is	s a conditional brar	nch instru	ction.	New Po	ost
1. CH	HECK YOUR UN of the following is Both are co Both are ur The BR at x	s a true statemen inditional branch nconditional bran 3004 is an uncon	nt regarding the BR inst instructions. nch instructions. nditional branch instruc		s a conditional brar	nch instru	ction.	New Po	est
1. CF	HECK YOUR UN of the following is Both are co Both are ur The BR at x	s a true statemen inditional branch nconditional bran 3004 is an uncon	nt regarding the BR inst instructions. nch instructions. nditional branch instruc	ition and the BR at x3009 is	s a conditional brar	nch instru	ction.	New Po	est
1. CH Which	HECK YOUR UN n of the following is Both are co Both are un The BR at x The BR at x	s a true statemen inditional branch nconditional bran 3004 is an uncon 3004 is a conditio	nt regarding the BR instanting instructions. The instructions instructions in the instruction instruction in the instruction i	ition and the BR at x3009 is	s a conditional brar	nch instru	ction.	New Po	ost

2. CHECK YOUR UNDERSTANDING (1/1 point)

Whic

Which of the f	ollowing is	not a true statem	nent regarding R1 in th	e program?			
■ TI	he LEA instr	ruction at x3000 i	nitializes R1 with the fi	rst number in th	ne list. 🗸		
R	1 is increme	ented at x3007 in	order to point to the l	ocation in memo	ory of the next nur	mber in the list.	
○ At	t the end of	f the program, the	e value of R1 is x310C.				
○ TI	he LDR inst	ruction at x3005 l	loads the contents of t	he memory add	ress pointed to by	R1 into R4.	
EXPLANATIO	N						
The LEA inst	ruction init	ializes R1 with the	e <i>address</i> of the first n	umber in the list			
By incremer	nting R1 at >	x3007, R1 points t	to the next number in	memory.			
When the pi	rogram end	ls, R1 will point to	the next memory loca	ation after the la	st number in the li	ist, which is loca	ation x300C.
LDR instruct	ion adds th	ne offset of 0 to R	1, the base register, ar	nd loads the valu	e at that address i	nto R4.	
Final Check	Save	Hide Answer	You have used 1 of 2	submissions			
Show Dis	cussion						☑ New Post
SHOW DIS	3001						IN NEW FOST
JMP AND TI	RAP						

1.0x 04/29/2015 02:25 PM 3 of 4 3:05 / 3:05

Download transcript

.txt

Help

Show Discussion





EdX offers interactive online classes and MOOCs from the world's best universities. Online courses from MITx, HarvardX, BerkeleyX, UTx and many other universities. Topics include biology, business, chemistry, computer science, economics, finance, electronics, engineering, food and nutrition, history, humanities, law, literature, math, medicine, music, philosophy, physics, science, statistics and more. EdX is a non-profit online initiative created by founding partners Harvard and MIT.

© 2015 edX Inc.

EdX, Open edX, and the edX and Open edX logos are registered trademarks or trademarks of edX lnc.

Terms of Service and Honor Code

Privacy Policy (Revised 10/22/2014)



About edX

About

News

Contact

FAQ

edX Blog

Donate to edX

Jobs at edX

Follow Us

Facebook

Twitter

in LinkedIn

8+ Google+

Tumblr

Meetup

3 Reddit

Youtube

4 of 4 04/29/2015 02:25 PM