

Session Name: 13 - Assembler 3-7-2024 1-34 PM

Date Created: 3/7/24, 1:24:21 PM Active Participants: 48 of 71

Average Score: 2.08% Questions: 10

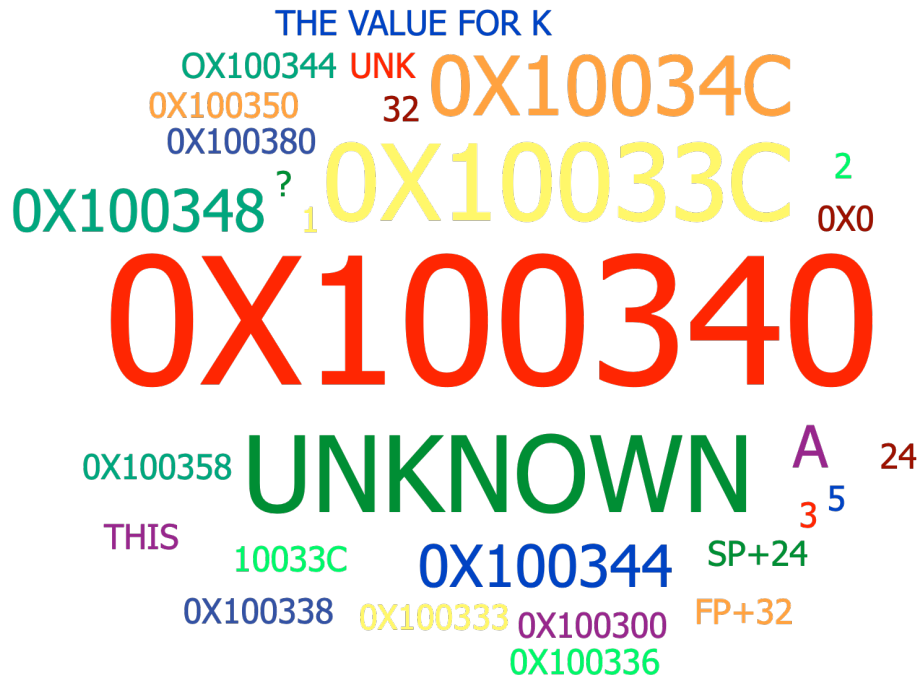
Results by Question

1. Please do question 1 which is on the screen in class. (Short Answer)

	Responses	
	Percent	Count
OX100340	15.22%	7
OX10033C	8.7%	4
UNKNOWN	8.7%	4
OX10034C	6.52%	3
OX100344	4.35%	2
OX100348	4.35%	2
A	4.35%	2
OX0	2.17%	1
OX100300	2.17%	1
OX100333	2.17%	1
OX100336	2.17%	1
OX100338 (c)	2.17%	1
OX100350	2.17%	1
OX100358	2.17%	1
OX100380	2.17%	1
1	2.17%	1
10033C	2.17%	1
2	2.17%	1
24	2.17%	1
3	2.17%	1
32	2.17%	1
5	2.17%	1
?	2.17%	1
FP+32	2.17%	1

OX100344	2.17%	1
SP+24	2.17%	1
THE VALUE FOR K	2.17%	1
THIS	2.17%	1
UNK	2.17%	1
Totals	100%	46

Keyword(s): 0x100338;100338;338
Keyword Matches: 1



2. Please do question 2 which is on the screen in class. (Short Answer)

Responses		
	Percent	Count
UNKNOWN	26.09%	12

1	8.7%	4
*K IN B	4.35%	2
0	4.35%	2
I	4.35%	2
K	4.35%	2
K IN B()	4.35%	2
0X0	2.17%	1
45	2.17%	1
8	2.17%	1
?	2.17%	1
B	2.17%	1
FP	2.17%	1
FRAME POINTER FOR B	2.17%	1
FRAME POINTER FOR MAIN()	2.17%	1
IS	2.17%	1
J	2.17%	1
M[0] IN A() (c)	2.17%	1
M[2] IN A()	2.17%	1
MAIN FRAME POINTER	2.17%	1
PUNT	2.17%	1
RETURN MEMORY FOR MAIN()	2.17%	1
RETURN Y	2.17%	1
THE VALUE FOR K	2.17%	1
X IN B()	2.17%	1
Y IN B	2.17%	1
Y IN B()	2.17%	1
Totals	100%	46

Keyword(s): leftover m[0] in a();m[0]
in a();m[0]

Keyword Matches: 1

MAIN FRAME POINTER
 RETURN MEMORY FOR MAIN()
 THE VALUE FOR K FRAME POINTER FOR B
 PUNT IS FP 8 B K ? 1 M[2] IN A()
 Y IN B

UNKNOWN

45 *K IN B 0 I K IN B() 0X0
 X IN B() FRAME POINTER FOR MAIN() RETURN Y
 M[0] IN A() Y IN B()

3. Please do question 3 which is on the screen in class. (Short Answer)

	Responses	
	Percent	Count
FRAME POINTER	8.7%	4
Y IN B()	8.7%	4
0X0	4.35%	2
1	4.35%	2
3	4.35%	2
FRAME POINTER FOR B()	4.35%	2

*K IN B()	2.17%	1
0	2.17%	1
0X10033C	2.17%	1
2	2.17%	1
6	2.17%	1
8950	2.17%	1
?	2.17%	1
FP	2.17%	1
FP FOR B()	2.17%	1
FRAME POINTER FOR MAIN	2.17%	1
FRAME POINTER FOR MAIN()	2.17%	1
FRAME POINTER IN B()	2.17%	1
GOING	2.17%	1
I	2.17%	1
I IN MAIN()	2.17%	1
INT *K IN B()	2.17%	1
INT *P	2.17%	1
INT X	2.17%	1
K (c)	2.17%	1
K IN B() (c)	2.17%	1
L	2.17%	1
PREV FRAME POINTER	2.17%	1
RET Y IN B	2.17%	1
RETURN VALUE OF B()	2.17%	1
RETURN Y	2.17%	1
THE FRAME POINTER	2.17%	1
THE VALUE OF THE FRAME POINTER FOR B()	2.17%	1

UNKNOWN	2.17%	1
Y	2.17%	1
Y IN B	2.17%	1
Totals	100%	46

Keyword(s): k in b());k
 Keyword Matches: 2

RETURN VALUE OF B()
 THE FRAME POINTER FRAME POINTER FOR MAIN
 PREV FRAME POINTER FP K IN B() 0 0X10033C
 I FRAME POINTER FOR B()
 RET Y IN B INT *P 0X0 3 6 1 INT *K IN B()
FRAME POINTER
 FP FOR B() Y IN B() K ? L Y RETURN Y
 FRAME POINTER IN B() 2 *K IN B()
 INT X UNKNOWN 8950
 I IN MAIN() GOING Y IN B
 FRAME POINTER FOR MAIN()
 THE VALUE OF THE FRAME POINTER FOR B()

4. Please do question 4 which is on the screen in class. (Short Answer)

Responses		
	Percent	Count
UNKNOWN	6.98%	3
I IN MAIN	4.65%	2
INT Y	4.65%	2

J	4.65%	2
X IN B()	4.65%	2
*P IN B()	2.33%	1
0	2.33%	1
0X0	2.33%	1
0X100340	2.33%	1
1	2.33%	1
10	2.33%	1
3	2.33%	1
7	2.33%	1
8	2.33%	1
?	2.33%	1
A	2.33%	1
FP A	2.33%	1
FRAME POINTER FOR A()	2.33%	1
FRAME POINTER IN MAIN()	2.33%	1
FROM POINTER WHEN B WAS CALLED	2.33%	1
I	2.33%	1
I IN MAIN()	2.33%	1
INT I	2.33%	1
J IN A()	2.33%	1
K = P + X IN B()	2.33%	1
K IN B	2.33%	1
K* IN B()	2.33%	1
M[1]	2.33%	1
PC FOR MAIN()	2.33%	1
POINTER TO WHERE THE FP WAS IN MAIN	2.33%	1
RETURN	2.33%	1

ADDRESS		
RETURN VALUE OF A()	2.33%	1
STACK POINTER	2.33%	1
STACK POINTER FOR B()	2.33%	1
TO	2.33%	1
Y	2.33%	1
Y IN B()	2.33%	1
Totals	100%	43

Keyword(s): frame pointer for main()
 Keyword Matches: 0

POINTER TO WHERE THE FP WAS IN MAIN
 FROM POINTER WHEN B WAS CALLED

0X100340

Y IN B() RETURN VALUE OF A() 10
 *P IN B() 3 8 INT Y I I IN MAIN()
 M[1] ? 7 I IN MAIN K = P + X IN B()
 FP A 1 UNKNOWN OX0 0
 J IN A() TO RETURN ADDRESS
 K* IN B() J^A X IN B() K IN B INT I
 STACK POINTER Y PC FOR MAIN()
 FRAME POINTER FOR A()
 FRAME POINTER IN MAIN()
 STACK POINTER FOR B()

5. Please do question 5 which is on the screen in class. (Short Answer)

	Responses	
	Percent	Count
UNKNOWN	14.63%	6
1	4.88%	2
2	4.88%	2
K IN B()	4.88%	2
Y IN B()	4.88%	2
*K	2.44%	1
OX0	2.44%	1
OX100344	2.44%	1
4	2.44%	1
7	2.44%	1
?	2.44%	1
A()	2.44%	1
B	2.44%	1
BE	2.44%	1
INT *P	2.44%	1
INT M[2]	2.44%	1
INT X	2.44%	1
K	2.44%	1
K IN A()	2.44%	1
K+4	2.44%	1
M	2.44%	1
M[0]	2.44%	1
M[0] IN A	2.44%	1
P	2.44%	1
P IN B()	2.44%	1
POINTER TO WHERE THE FP WAS IN MAIN	2.44%	1
RET A	2.44%	1

RET MAIN	2.44%	1
SP FOR MAIN()	2.44%	1
STACK POINTER	2.44%	1
STACK POINTER FOR A()	2.44%	1
STACK POINTER FOR B()	2.44%	1
Totals	100%	41

Keyword(s): pc+4 for main()
 Keyword Matches: 0

POINTER TO WHERE THE FP WAS IN MAIN

M[0] IN A BE RET A

STACK POINTER FOR B()

INT X 4 0X100344
 P IN B() Y IN B() 1 M*K? A() K+4

UNKNOWN

M[0] K IN B() 2 INT M[2] 0X0
 7 K P K IN A() B

INT *P STACK POINTER RET MAIN
 SP FOR MAIN()

STACK POINTER FOR A()

6. Please do question 6 which is on the screen in class. (Short Answer)

Responses	
Percent	Count

8	7.5%	3
UNKNOWN	7.5%	3
*P IN B()	5%	2
J IN A	5%	2
L IN A()	5%	2
M[0]	5%	2
X IN B() (c)	5%	2
0	2.5%	1
0X0	2.5%	1
0X100348	2.5%	1
1	2.5%	1
2	2.5%	1
7	2.5%	1
?	2.5%	1
A	2.5%	1
ADDRESS IN MAIN THAT B() RETURNS TO	2.5%	1
FP FOR MAIN()	2.5%	1
I	2.5%	1
I IN MAIN	2.5%	1
INT *K	2.5%	1
INT X PASSED IN B()	2.5%	1
K	2.5%	1
K IN B()	2.5%	1
L	2.5%	1
M0	2.5%	1
M[0] = I	2.5%	1
M[1] IN A	2.5%	1
RETURN IN A()	2.5%	1
STACK POINTER	2.5%	1

Y	2.5%	1
Y IN B()	2.5%	1
Totals	100%	40

Keyword(s): x in b());x

Keyword Matches: 2

ADDRESS IN MAIN THAT B() RETURNS TO

M[1] IN A X IN B() RETURN IN A()
 0X100348
 I IN MAIN⁷ K² L IN A() FP FOR MAIN()
 M[0] = I¹ UNKNOWN⁰ Y IN B()
 0X0 M0
 K IN B() M[0] I[?] 8 J IN A^{Y L} A INT *K
 STACK POINTER *P IN B()
 INT X PASSED IN B()

7. Please do question 7 which is on the screen in class. (Short Answer)

Responses		
	Percent	Count
UNKNOWN	10%	4
1	7.5%	3
M[1]	7.5%	3
K IN A	5%	2

X IN B()	5%	2
&I	2.5%	1
*K IN B()	2.5%	1
OX0	2.5%	1
OX10034C	2.5%	1
12	2.5%	1
2	2.5%	1
3	2.5%	1
6	2.5%	1
8	2.5%	1
?	2.5%	1
FUN	2.5%	1
INT I	2.5%	1
INT J IN A	2.5%	1
INT Y IN B()	2.5%	1
J IN A()	2.5%	1
K IN A()	2.5%	1
K IN B	2.5%	1
M	2.5%	1
M1	2.5%	1
M[0] IN A()	2.5%	1
M[1] IN A()	2.5%	1
M[2] IN A()	2.5%	1
P* IN B()	2.5%	1
RETURN ADDRESS	2.5%	1
X (c)	2.5%	1
Y IN B()	2.5%	1
Totals	100%	40

Keyword(s): y in main();x

Keyword Matches: 1

RETURN ADDRESS

M[0] IN A() J IN A()
 ? FUN 0X10034C

X IN B() M[1] M X 0X0
 M1 K IN A()

8 UNKNOWN

INT Y IN B() 3 1 K IN A 6 12
 &I INT J IN A P* IN B() 2 M[1] IN A()
 K IN B *K IN B() Y IN B()
 M[2] IN A()

8. Please do question 8 which is on the screen in class. (Short Answer)

Responses		
	Percent	Count
UNKNOWN	10.26%	4
K	5.13%	2
L IN A	5.13%	2
0	2.56%	1
0X0	2.56%	1
0X100350	2.56%	1

1	2.56%	1
2	2.56%	1
3	2.56%	1
4	2.56%	1
7	2.56%	1
8	2.56%	1
?	2.56%	1
A	2.56%	1
A(1,2,3) + B(1,2,3)	2.56%	1
ADDRESS OF P	2.56%	1
ADDRESS OF P IN B()	2.56%	1
B	2.56%	1
FRAME POINTER FOR MAIN()	2.56%	1
I IN MAIN()	2.56%	1
INT *K	2.56%	1
INT *P IN B()	2.56%	1
INT K IN A	2.56%	1
J IN A()	2.56%	1
K IN A()	2.56%	1
K IN B()	2.56%	1
M2	2.56%	1
M[0] IN A()	2.56%	1
M[1]	2.56%	1
M[1] IN A()	2.56%	1
NULL	2.56%	1
P (c)	2.56%	1
SPRING	2.56%	1
Y IN B()	2.56%	1
Totals	100%	39

Keyword(s): p in b():p

Keyword Matches: 1

A(1,2,3) + B(1,2,3)
 ADDRESS OF P IN B()
 0 B ? INT K IN A
 M[1] ADDRESS OF P K IN A()
 K IN B() L IN A₂ P 0X0 M2 NULL
UNKNOWN 1
 M[0] IN A() 4 K 8³ 7 SPRING J IN A()
 M[1] IN A() INT *P IN B() A Y IN B()
 I IN MAIN() INT *K 0X100350
 FRAME POINTER FOR MAIN()

9. Please do question 9 which is on the screen in class. (Short Answer)

Responses		
	Percent	Count
UNKNOWN	15.79%	6
Y	7.89%	3
3	5.26%	2
&I	2.63%	1
0	2.63%	1
0X0	2.63%	1

0X100358	2.63%	1
1	2.63%	1
23	2.63%	1
4	2.63%	1
7	2.63%	1
?	2.63%	1
B() IN MAIN()	2.63%	1
BREAK	2.63%	1
EIP	2.63%	1
F	2.63%	1
I	2.63%	1
I IN MAIN()	2.63%	1
INT J	2.63%	1
INT L IN A	2.63%	1
KNOWN	2.63%	1
L	2.63%	1
L IN A	2.63%	1
L IN A()	2.63%	1
M IN A	2.63%	1
M[2] IN A()	2.63%	1
P IN B()	2.63%	1
WHERE THE STACK POINTER IN B POINTS	2.63%	1
X IN B()	2.63%	1
Y IN B()	2.63%	1
Totals	100%	38

Keyword(s): r2;spilled r2

Keyword Matches: 0

X IN B() M[2] IN A()
 F BREAK 7
 INT L IN A L &I L IN A
 M IN A 0 EIP 1 Y 0X100358

UNKNOWN

4 L IN A() I 3 I IN MAIN() 23
 OX0 B() IN MAIN() INT J
 P IN B() KNOWN Y IN B()
 WHERE THE STACK POINTER IN B POINTS

10. Please do question 10 which is on the screen in class. (Short Answer)

Responses		
	Percent	Count
UNKNOWN	23.68%	9
1	5.26%	2
!	2.63%	1
0	2.63%	1
OX0	2.63%	1
100	2.63%	1

4	2.63%	1
65	2.63%	1
69	2.63%	1
7	2.63%	1
?	2.63%	1
FP FOR MAIN	2.63%	1
I (c)	2.63%	1
I IN MAIN	2.63%	1
I IN MAIN() (c)	2.63%	1
IDK	2.63%	1
INT I	2.63%	1
INT I IN MAIN()	2.63%	1
INT L	2.63%	1
K	2.63%	1
K IN B()	2.63%	1
M IN A	2.63%	1
M[0] IN A	2.63%	1
M[2] IN A()	2.63%	1
RET I	2.63%	1
RETURN VALUE OF A()	2.63%	1
T	2.63%	1
X	2.63%	1
Y IN B()	2.63%	1
Totals	100%	38

Keyword(s): i in main();i

Keyword Matches: 2

M[0] IN A
RETURN VALUE OF A()
INT I
M IN A 0X0? K 4 I 1 ! IDK I IN MAIN
RET I 100

UNKNOWN

7 INT L 0 I IN MAIN() X 65 K IN B()
69 FP FOR MAIN T Y IN B()
INT I IN MAIN() M[2] IN A()