



Test Results

surname	name	user	points
siraj	Sirajuddin Ahmed	siraj	17.667 (41%)

test: R-14 Core Java mock test 2									
end time: time: test time [min]: basic points: points for wrong answer: points for no answer: max score:	1.000 0.000 0.000	R-14 Core Java mock test 2							

#	# points			IP	start [hh:mm:ss]	end [hh:mm:ss]	time [mm:ss]	reaction [sec]					
	, r	, o			otart [millimioo]	ond [mmmmoo]	timo [miniso]	roudileir [coo]					
1 S		1.000		281473913979009	09:32:00	09:32:09	00:09	8.594					
	Each pa	ss thro	ugh a lo	oop is called a/an									
		1	enume	ration									
	+	2	iteratio										
		3	culmin	ation									
		4	pass th	nrough									
2 S	1	1.000		281473913979009	09:39:02	09:39:11	00:09	9.204					
			process	checks the test conditio									
		1	for										
		2	no loor	oing process checks the	test condition at the end								
		3	while										
	+	4	do-whi	le									
2.0	1	1.000		281473913979009	09:53:47	09:54:25	00:38	38.109					
3 S			ement a	causes execution to skip		09.04.20	00.38	36.109					
	A CONTIN	1		d of the program	10								
	+	2		kt iteration of the loop									
	-	3		tement following the con	tinue statement								
		4		t statement after the loop									
		-	tile ilis	statement after the loop	,								
1 S		1.000		281473913979009	10:09:35	10:10:07	00:32	31.375					
	In a grou	up of n	ested lo		ted the most number of times								
	+	1		ermost loop									
		2	cannot	be determined without k	nowing the size of the loops								
		3	all loop	s are executed the same	e number of times								
		4	the out	termost loop									
5 S		1.000		281473913979009	09:55:03	09:55:15	00:12	11.25					
	The stat			equivalent to									
	+	1	i=i+1;										
		2	i = i + i	;									
		3	i;										
		4	i = i - 1	;									
6 S		1.000		281473913979009	09:32:09	09:32:32	00:23	22.469					
	Which Ic	oping	process	is best used when the n	umber of iterations is known?		!	Į.					
		1	while										
	+	2	for										
		3	all loop	oing processes require th	at the iterations be known								
		4	do-whi	le									
7 S	Τ .	0.000		281473913979009	09:51:14	09:51:51	00:37	36.75					
			for (int	k = 2, k <= 12, k++)		1 22.0		1 300					
		1		nmas should be semicol	ons								
		2		rement should always be									
	- 3 there should be a semicolon at the end of the statement												
		4			e letter i when using a for loop								
						_		_					
8 S		1.000		281473913979009	09:30:17	09:32:00	01:43	102.766					

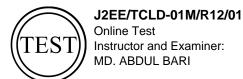


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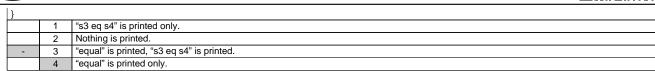
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	What's wrong? while((i < 10) && (i > 24))											
		1			used in a test condition							
	+	3		ondition is always false loop is an exit-condition	loop							
		4		ondition is always true	ЮОР							
			1	onalian lo all'ayo a ao								
9 S		0.000		281473913979009	10:10:07		10:11:42		01:35		94.438	
			ollowing co	de								
	int cou	nt = 0; count <	-6)									
	{	count	-0)									
	Systen		int(count +	· " ");								
	count =	= count	count + 2;									
	Svsten	n.out.pri	intln():									
				t on the monitor?								
	-	1	024									
		2	12345	6								
		3	0246									
		-	02400									
10 S		0.000		281473913979009	10:02:38		10:05:59		03:21		200.063	
			ollowing co	de:								
	int cou	nt = 7; count >	- 4)									
	{ {	count >	>= 4)									
	Systen		int(count +	· " ");								
	count =	= count	- 1;									
	Svsten	n.out.pri	intln():									
				t on the monitor?								
		1	6543									
		2	7654									
	-	3	76543	6.7								
			112010	0.7								
11 S		0.000		281473913979009	10:00:43		10:21:09		20:26		26.828	
			ollowing co	de:								
	int cou)									
	{ {		/									
		System.out.print(count + " "); count = count + 1:										
	<pre>count = count + 1; }</pre>											
	System.out.println();											
	What condition should be used so that the code writes out:											
	1234	5678										
		2	count != 8									
		3	count < 9									
	-	4	count < 8									
		•										
12 S		0.000		281473913979009	09:52:17		09:53:47		01:30		89.25	
		i = 0; i <	<= 3;) { intln("i = " +	+ i):								
	}			,,								
	-	1	i = 0									
			i = 1 i = 2									
			i = 2									
		2	The code	does not compile								
		3		does not run								
		4	i = 0 infin	itely								
13 S		0.000	T	281473913979009	09:45:22	T	09:48:03		02:41	l	160.687	
100	Which			the output of the following			00.10.00		02.11		100.001	
			qualTest {	·								
				ring args[]) {								
		s1 = "YI s2 = "YI										
	if (s1 =	== s2)	System.out	.println("equal");								
			w String("Y									
	String s4 = new String("YES"); if (s3 == s4) System.out.println("s3 eq s4");											
	}	,	,	1 0 . //								
	1											





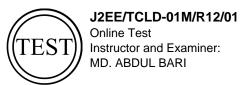


4 S	0.000	281473913979009	10:17:56	10:18:54	00:58	58.016					
	What will be the	he result of compiling and runnin	g the given program?	·							
	Select one co	rrect answer.									
	1 class Q1										
	2 {										
	3 public static	void main(String arg[])									
	4 {										
	5 int a[]={2,2};										
	6 int b=1;										
	7 a[b]=b=0;										
	8 System.out.										
	9 System.out.	println(a[1]);									
	10 }										
	11 }										
	1 Program compiles correctly and print 0,2 when executed.										
	2 Program compiles correctly and print 2,0 when executed.										
	3 Run time error at the line no. 5.										
	- 4	Compile time error at the line r	10. 5.								

15 M		0.667	281473913979009	09:51:51	09:52:17	00:26	25.531				
	Which s	tatements abo	ut the output of the follo	wing program are true?							
		lass Logic {									
			(String args[]) {								
	int $i = 0$										
	int $j = 0$;										
	boolean t = true;										
	boolean r;										
	r = (t &8 r = (t &8 r = (t 0 System }	& 0<(i+=1)); & 0<(i+=2)); & 0<(j+=1)); 0<(j+=2)); out.println(i +									
	+		cond digit printed is 2.								
	+		cond digit printed is 3.								
	+		st digit printed is 1.								
	-	4 The se	cond digit printed is 1.	·	·						
	+	5 The fire	st digit printed is 2.			•	·				
	-	6 The fire	st digit printed is 3.			<u> </u>	·				

16 S	0.000	281473913979009	10:13:45	10:16:21	02:36	155.875					
	Examine the f	ollowing code:	·	•							
	int count = -2	;									
	while (count < 3)										
	{										
		int(count + " ");									
	count = count	+ 1;									
	}										
	System.out.pi	intln();									
	What does thi	s code print on the monitor?									
	1	-2 -1 1 2 3 4									
	- 2	-2 -1 1 2 3				•					
	3	-3 -4 -5 -6 -7									
	4	-2 -1 0 1 2									

17 S	0.000	281473913979009	09:27:04	09:27:53	00:49	47.578						
	Examine the following code:											
	int count = 1;											
	while (count < 5)											
	{ System.out.print(count + " ");											
	}	,,										



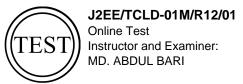


	System.out.println();									
	What does th	s code print on the monitor?								
	1	11111111111								
	2	1234								
	3	234								
	- 4	12345								
18 S	0.000	281473913979009	09:39:55		09:40:37		00:42	41.39		
	What value is	stored in num at the end of this I	poping?							
		num <= 5; num++)								
	1	6								
	3	1								
	- 4	5								
		1								
19 S	1.000		10:12:42		10:13:41		00:59	59.203		
	What value is	placed in var?								
	var = 12 > 9 ?	0 · 1·								
	1	9								
	2	1								
	3	12								
	+ 4	0								
20 S	1.000	281473913979009	09:32:32		09:35:40		03:08	188.265		
20.3		placed in awk?	09.32.32		09.33.40		03.06	100.203		
	Trial value is	piacea iii aiiiii								
	int $x = 5$, $y = 2$	9;								
	aude vere									
	awk = y-x > x	-14								
	+ 2	14								
	3	19								
	4	5								
	1									
21 S	1.000	281473913979009 placed in choice?	09:41:28		09:44:38		03:10	190.125		
	villat value is	placed in choice:								
	int a=5, b=10	c=15;								
	l									
	choice = a>b	&& a>c ? a : (b > c ? b : c) ;								
	2	10								
	3	0								
	4	5								
								_		
22 S	0.000	1 11 0	09:55:15		10:00:15		05:00	299.079		
	vvnat value is	placed in sum?								
	double sum =	10.0, price=100;								
		4000 1 44 : .								
	sum += price:	>=100 ? price*1.1 : price;								
	2	120								
	3	90								
	4	100								
23 S	0.000		10:11:42		10:12:42		01:00	59.313		
	vvnich statem	ent makes sure that x is an even $x += 2^*x$;	number?							
	- 2	x = 2 x, x = x%2 == 0 ? x+1 : x;								
	3	x += x%2 == 0 ? 0 : 1;								
	4	x = x%2 == 1 ? x++ : x;								
24 S	0.000		09:30:11		10:20:08		49:57	7.891		
	vvriat value is	assigned to discount?								
	double discou									
	char code = '0);								
	switch (code	١								
	{	J.								
	case 'A':									

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```
discount = 0.0;
        break;
        case 'B':
        discount = 0.1;
        break;
        case 'C':
        discount = 0.2;
        break;
        default:
        discount = 0.3;
                     0.2
                     0.0
                 3
                     0.1
                4
                    0.3
25 S
               0.000
                            281473913979009
                                                            10:13:42
                                                                                        10:22:02
                                                                                                                  08:20
                                                                                                                                         0
       What value is assigned to discount?
        double discount;
        char code = 'C';
        switch (code)
        case 'A':
        discount = 0.0;
        case 'B':
        discount = 0.1;
        case 'C':
        discount = 0.2;
        default:
        discount = 0.3;
                     0.2
                     0.3
                 3
                     0.1
                     0.0
                4
26 S
               1.000
                           281473913979009
                                                           09:39:11
                                                                                        09:39:55
                                                                                                                  00:44
                                                                                                                                       43.172
        What does the following print?
        int count = 0;
        do
        System.out.print( count +" ");
        count++;
        while (count < 6);
                     012345
                 2
                     0123456
                    123456
                 3
                    12345
27 S
                           281473913979009
                                                           10:16:21
                                                                                        10:17:56
                                                                                                                  01:35
                                                                                                                                       94.032
               0.000
       What does the following print?
        int count = 10;
        System.out.print( count +" ");
        count++;
        while ( count < 6 );
                    10
                     5
                 3
                     It prints nothing
                 4
                    6
               1.000
                             281473913979009
                                                           09:48:29
                                                                                        09:51:14
                                                                                                                  02:45
                                                                                                                                      165.359
28 S
```





```
What does the following print?

int count = 10;

do
{
System.out.print( count +" ");
count--;
}
while ( count >= 5 );

1 10987654
+ 2 1098765
- 3 98765
- 4 987654
```

9 S	0.000	281473913979009	10:05:59	10:21:42	15:43	14.093
93			10.05.59	10.21.42	10.43	14.093
	what does the	e following print?				
	int row - 1:					
	int row = 1; do					
	{ int col = 1;					
	do					
	{					
	System.out.pr	int("*")·				
	col++;	·····(),				
	3					
	while (col <=	5):				
		o				
	System.out.pr	intln():				
	row++;	()				
	}					
	while (row <=	3);				
	1	*****				
	LL	*****				

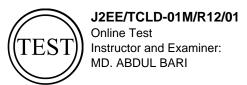
	2	***				

	- 3	***				

	4	****				

1.000	281473913979009	10:01:52	10:21:24	19:32	14.313
What does the fo	llowing print?				
int row = 1 ;					
do					
{					
int col = 1;					
do					
\{ 	H4H \				
System.out.print("*");				
col++ ;					
}	,				
while (col <= rov	<i>(</i>);				
Custom out print	· ().				
System.out.printl	п();				
row++ ;					
while (row <= 3)					
+ 1 *	,				
**	•				
*1	*				
2 **	**				
	**				
**	**				
3 *	***				

*1	**				
**	*				





			**									
		4	***									
			**									
31 S		0.000		281473913979009		10:06:04		10:09:11		03:07		186.078
	What t			s implemented with a do statement? ttom-driven loop								
		2		ven loop								
	-	3	while lo	•								
		4	off-by-	one loop								
32 S	32 S 0.000 281473913979009 10:02:12 10:02:38 00:26 26.14										26.14	
02.0	Is the do statement a necessary feature in Java?										20111	
	1 Nobut it would be exremely difficult without it.											
		Yessome loops can only be implemented with a do. Noeverything it does could be done with a while.										
	-	4		rithout it one of the major			e lost.					
33 S	What a	0.000	ranchin	281473913979009 g statements in a progra		09:54:25		09:55:03		00:38		37.829
	vviiace	1		ents that affect the exec								
		2		ents that are used to bu								
	-	3		ents that evaluate boole ents like if that make ch		sions.						
		4	Staten	ients like ii that make ch	oices.							
34 S		0.000		281473913979009		09:44:50		09:45:22		00:32		29.125
	What fa			oop is responsible for ma								
		2	_	a do loop sometimes sho is not a good choice for								
		3		dy of a do loop is always								
	-	4	The do	must be matched with a	a while.							
35 S		0.000		281473913979009		09:28:38		10:20:00		51:22		43.61
	Examir		llowing	code fragment:							I	
	int j = 1											
	do	,										
	{ System	out pri	otlo (i):									
	j++ ;	n.out.pri	i i i i i i i i i i i i i i i i i i i									
	}											
	wniie (j <= 3);										
	Which			for loops does the same	thing?							
		1		t j=0; j <= 3; j++) n.out.println(j);								
		2	for (in	i j=1; j <= 3; j++)								
		3		n.out.println(j); i j=1; j < 3; j++)								
		3		n.out.println(j);								
	-	4		i j=0; j < 4; j++)								
			Systen	n.out.println(j);								
36 S		1.000		281473913979009		10:00:15		10:00:43		00:28		27.578
•	Given:											
	11. int											
	13. if ()	$c = y)$ {										
	14. Sys 15. }	stem.ou	t.println("x = " + x);								
		the res										
		1 2	The co $x = 3$	de runs with no output.								
		3	x = 3 x = 1									
		4	An exc	eption is thrown at runtir	ne.							
	+ 5 Compilation fails.											
37 S		1.000		281473913979009		10:09:11		10:09:35		00:24		24.125
	Given:		4.0	- !							-	
	11. int 12. do{	i = 1,j =	10;									
	13. if (i											

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```
14. continue;
        15. }
        16. j--;
        17. } while (++i <6);
        18. System.out.println("i = "+i+"" and j = "+j);
        What is the result?
                      i = 5 and j = 6
                  1
                       i = 6 and j = 6
                       i = 5 and j = 5
                  3
                       i = 6 \text{ and } j = 4
                      i = 6 and j = 5
                  5
38 S
                                281473913979009
                0.000
                                                                  09:35:41
                                                                                                 09:37:54
                                                                                                                              02:13
                                                                                                                                                     133.563
        Given:
        11. int i = 0, j = 1;
        12. if ((i++==1) \&\& (j++==2)) {
        13. i = 42;
        14 }
        15. System.out.println("i = " + i + ", j = " + j);
        What is the result?

    Compilation fails.

                       i = 1, j = 1
                  2
                       i = 42, j = 1
                       i = 1, j = 2
                  5
                       i = 42, j = 2
39 S
                1.000
                              281473913979009
                                                                  09:37:54
                                                                                                 09:39:02
                                                                                                                              01:08
                                                                                                                                                     66.766
        Given:
        11. boolean bool = true;
        12. if(bool = false) {
        13. System.out.println("a");
        14. } else if (bool) {
        15. System.out.println("c");
        16. } else if (!bool) {
        17. System.out.println("c");
        18. } else {
        19. System.out.println("d");
        20.}
        What is the result?
                       d
                  1
                  2
                       b
                   3
                  4
                       Compilation fails.
                  5
                                 281473913979009
40 S
                0.000
                                                                  09:40:37
                                                                                                 09:41:28
                                                                                                                              00:51
                                                                                                                                                     50.969
        Given:
        11. int i = 1, j = -1;
        12. switch (i) {
        13. case 0, 1:j = 1;
        14. case 2: j = 2;
        15. default; j = 0;
        16.}
        17. System.out.println("j="+j);
        What is the result?
                       Compilation fails.
                       j = 1
                   2
                       j = -1
                  3
                  4
                       j = 2
                       j = 0
                  5
41 S
                0.000
                                281473913979009
                                                                                                  10:19:16
                                                                                                                              51:23
                                                                                                                                                     21.343
                                                                  09:27:53
        Given:
        11. Float f = new Float("12");
        12. switch (f) {
        13. case 12: System.out.println("Twelve");
        14. case 0: System.out.println("Zero");
        15. default: System.out.println("Default");
        16.}
        What is the result?
                   1
                       Zero
                        Twelve
                        Zero
                        Default
                  3
                       Twelve
```

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-	4	Default
	5	Compilation fails.

42 S	0.000	281473913979009	09:48:03	10:20:39	32:36	21.516	
	Given:						
	11. for (int i =0; i <3; i++) {						
	12. switch(i) {						
	13. case 0: break;						
	14. case 1: System.out.print("one ");						
	15. case 2: System.out.print("two ");						
	16. case 3: System.out.print("three ");						
[17.]							
	18. } 19. System.out.println("done"); What is the result?						
- 1 Compilation fails.							
	2 done						
	3 one two done						
	4 one two three done						
	5 one two three two three done						

S		1.000	281473913979009	09:44:38	09:44:50	00:12	11.11		
	Given:		•		•		•		
1. public class SwitchTest {									
2. public static void main(String[] args) { 3. System.out.println("value = " + switchlt(4));									
	4. }								
5. public static int switchlt(int x) { 6. int j = 1;									
	7. switc	ch (x) {							
8. case 1: j++;									
	9. case	2: j++;							
	10. case 3: j++; 11. case 4: j++; 12. case 5: j++;								
13. default: j++; 14. } 15. return j + x;									
	16. }								
	17. }								
	What is the result? 1 value = 4								
	+	2	value = 8				•		
		3	value = 3						
		4	value = 6						
		5	value = 7						
		6	value = 5						

topics

points	correct	module	
	points	correct	topic
17.667 / 43 (41%)	18 / 43 (42%)	Core Java	
	7 / 14 (50%)	7 / 14 (50%)	Looping 4-1
	0.667 / 1 (67%)	1 / 1 (100%)	Looping 6-2
	0 / 3 (0%)	0 / 3 (0%)	Looping (more) 4-1
	3 / 7 (43%)	3 / 7 (43%)	Conditional Operator and the Switch Statement 4-1
3 / 10 (30%) 3 / 10 (30%) do statement 4-1 1 / 1 (100%) 1 / 1 (100%) Looping 5-1		3 / 10 (30%)	do statement 4-1
		Looping 5-1	
	1 / 1 (100%)	1 / 1 (100%)	do statement 5-1
	1 / 5 (20%)	1 / 5 (20%)	Conditional Operator and the Switch Statement 5-1
	1 / 1 (100%)	1 / 1 (100%)	Switch Statement 6-1