

Sample_Xyz

sample@xyz.com

Test Taken on: December 1, 2018 06:20:26 AM IST

Finish State: Normal

Registration Details

Email sample@xyz.com

First Name: Himanshu Yadav

Address:

Profile Picture Snapshot



Identity Card Snapshot



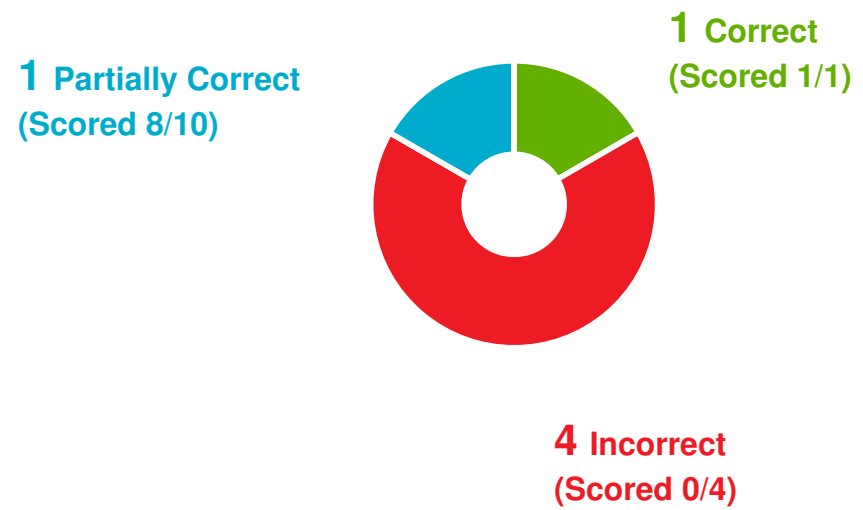
Overall Summary

MARKS SCORED

	Score	Percentile	Percentage
Code	8 / 10	100	80
MCQ	1 / 5	67	20
Total	9 / 15	100	60

Percentile is among 3 candidate(s) who've taken this test.

SUMMARY OF ATTEMPTS



TIME TAKEN

0 hr	9 min
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Available time: 0 hr 30 min



TOTAL QUESTIONS

6

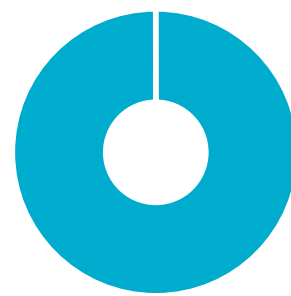
Section-wise Details

Code

MARKS SCORED

	 Score	 Percentage
Codelysis	8 / 10	80
Total	8 / 10	80

SUMMARY OF ATTEMPTS



1 Partially Correct
(Scored 8/10)

TIME TAKEN

0 hr	7 min
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This was untimed section.

TOTAL QUESTIONS

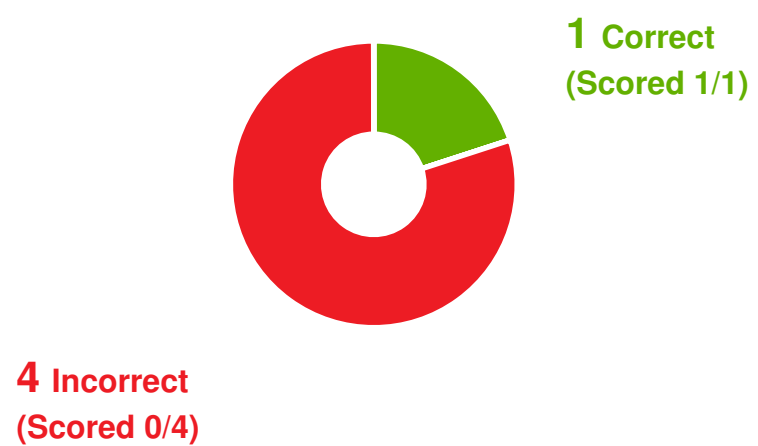
1

MCQ

MARKS SCORED

	 Score	 Percentage
Java Programming	1 / 5	20
Total	1 / 5	20

SUMMARY OF ATTEMPTS



TIME TAKEN

0 hr	2 min
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This was untimed section.

TOTAL QUESTIONS

5

Difficulty Level Analysis

ASSESSMENT LEVEL ANALYSIS

Difficulty Levels	Total no. of questions	No. of Attempted questions	Marks Scored
Easy (E)	6	6 / 6	9 / 15
Total	6	6 / 6	9 / 15

SECTION LEVEL ANALYSIS

Code			
Difficulty Levels	Total no. of questions	No. of Attempted questions	Marks Scored
Easy (E)	1	1 / 1	8 / 10
Total	1	1 / 1	8 / 10

MCQ			
Difficulty Levels	Total no. of questions	No. of Attempted questions	Marks Scored
Easy (E)	5	5 / 5	1 / 5
Total	5	5 / 5	1 / 5

SKILL LEVEL ANALYSIS

Codelysis			
Difficulty Levels	Total no. of questions	No. of Attempted questions	Marks Scored
Easy (E)	1	1 / 1	8 / 10
Total	1	1 / 1	8 / 10

Java Programming			
Difficulty Levels	Total no. of questions	No. of Attempted questions	Marks Scored
Easy (E)	5	5 / 5	1 / 5
Total	5	5 / 5	1 / 5

Question-wise Details

Code

Question 1:

Compilation: Successful

Time: 7 Min 35 Sec

Marks: 8/ 10

Permutations and Combinations

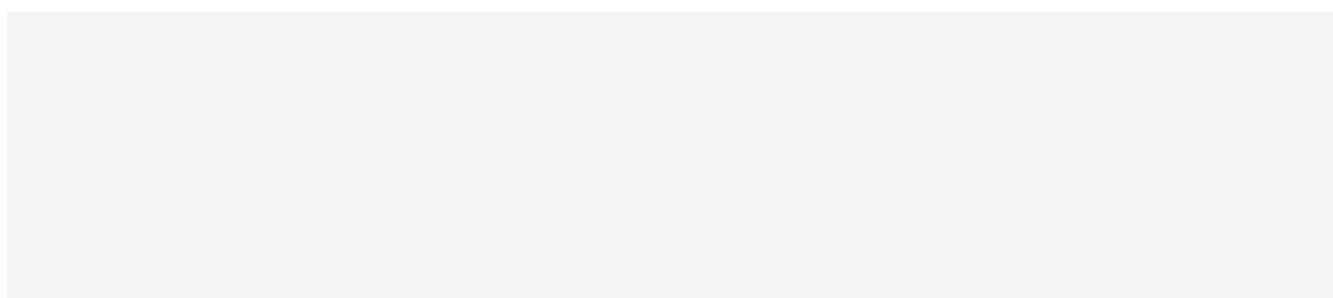
In his high school, Ross was taught permutations and combinations. He found it very difficult then but now, he has grown fond of it. He likes calculating the different ways of combining certain things, basically a permutation.

As he likes solving these mathematical questions, in each of the questions, he is faced with a challenge of finding out factorials of very large numbers and Ross does not like it. He just wants to be given values and solve the question. So he asked you for help to find out the following:

- nCr where n and r are numbers given by Ross to you
- nCr is defined as $n! / (r! \times (n-r)!)$

Here, $n!$ denotes the factorial of a number. Also, you have to calculate this number as modulo m .

Input Specification:



input1: The number n.

input2: The number r.

input3: The number m.

Output Specification:

The value of $nCr \% m$.

Example 1:

input1: 3

input2: 2

input3: 1000000009

Output: 3

Explanation:

$n=3, r=2, m=100$ So, $n!=3!=6$, $r!=2!=2$, $(n-r)!=1!=1$.

So, $nCr = (6/(2*1))\%1000000009 = 3$.

Example 2:

input1: 5

input2: 2

input3: 1000000009

Output: 10

Explanation:

$n=5, r=2, m=100$ So, $n!=5!=120$, $r!=2!=2$, $(n-r)!=3!=6$.

So, $nCr = (120/(2*6))\%1000000009 = 10$.

//

Disclaimer: If the default test case times out, then the remaining test cases will not run.

Compilation	Time Taken	Marks Scored	Language
 Successful	07 Minutes 35 Seconds	8 Out of 10	 C

```
1 #include<stdio.h>
2 #include<string.h>
3 // Read only region start
4
5 int ncr(int input1,int input2,int input3)
6 {
7     // Read only region end
8     // Write code here
9
10 }
```

C



Code compilation : **3** Successful **5** Attempts | Code complexity ⓘ : **85**

Total no. of Testcase : **12** | Total Passed : **1**

Test case	Marks	Cpu (ms)	Processing (ms)	Memory (KB)	Inputs	Expected output	Actual output
Default Testcase 1	0	0	230	68796	3, 2, 1000000009	3	3
Default Testcase 2	0	0	226	125080	5, 2, 1000000009	10	5
Basic Testcase 1	0	0	0	0	7, 4, 1000000009	35	Not Run
Basic Testcase 2	0	0	0	0	10, 5, 1000000009	252	Not Run
Basic Testcase 3	0	0	0	0	15, 4, 1000000009	1365	Not Run
Basic Testcase 4	0	0	0	0	20, 13, 1000000009	77520	Not Run
Necessary Testcase 1	0	0	0	0	18, 7, 1000000009	31824	Not Run
Necessary Testcase 2	0	0	0	0	22, 14, 1000000009	319770	Not Run
Corner Testcase 1	0	0	0	0	1, 1, 1000000009	1	Not Run
Corner Testcase 2	0	0	0	0	40, 0, 1000000009	1	Not Run
Time Complexity Testcase 1	0	0	0	0	30, 30, 29	1	Not Run
Time Complexity Testcase 2	0	0	0	0	40, 37, 1000000009	9880	Not Run

MCQ

Question 1:

Time: 1 Min 17 Sec

Marks: 0 / 1

Container-managed persistence in EJB can be called by which of the following options?

Options	Response	Answer
Java beans		
Factory methods		✓
Cannot be called		
None of the given options	✓	

Question 2:

Time: 8 Sec

Marks: 1 / 1

A table Employees in Oracle database has the following data:

emp_id	emp_name
101	KING
102	MARK

Consider the following JDBC code snippet and determine the output.

```
1 try{
2 c.setAutoCommit(false);
3 String sql = "insert into employee1(id,name) values(?,?)";
4 PreparedStatement statement = c.prepareStatement(sql,ResultSet.TYPE_SCROLL_INSENSITIVE,ResultSet.CONC
5 statement.setInt(1, 103);
6 statement.setString(2, "SMITH");
7 statement.executeUpdate();
8 System.out.println("updated");
9 }
10 catch(Exception e) { System.out.println("not updated"); }
11
```

Options	Response	Answer
Updated		
One new record is inserted in the table		
Updated	✓	✓
No new record is inserted in the table		
Not updated		
SQL exception		

Question 3:

Time: 13 Sec

Marks: 0/ 1

What will be the output of the given code?

```
1 public class Test{
2     public static void main(String args[]){
3         String s1 = new String("Hello");
4         String s2 = "World";
5         System.out.println(s1 == s2);
6     }
7 }
8
```

Options	Response	Answer
True		
False		✓
Hello	✓	
World		

Question 4:

Time: 8 Sec

Marks: 0/ 1

Which of the following is/are element(s) of struts-config.xml file?

Options	Response	Answer
<div style="border: 1px solid gray; padding: 5px;"> 1 <form-beans> 2 </div>		
<div style="border: 1px solid gray; padding: 5px;"> 1 <action-mappings> 2 </div>		
<div style="border: 1px solid gray; padding: 5px;"> 1 <global-forwards> 2 </div>	✓	
All of the given options		✓

Question 5:

Time: 18 Sec

Marks: 0/ 1

State whether the following statement is true or false.

If a table model object is not provided, JTable automatically creates an instance of DefaultTableModel.

Options	Response	Answer
True		✓
False	✓	

Test Log

Images of the test taker

06:10 am



06:11 am



06:12 am



06:14 am Mobile Phone Detected



06:14 am Mobile Phone Detected



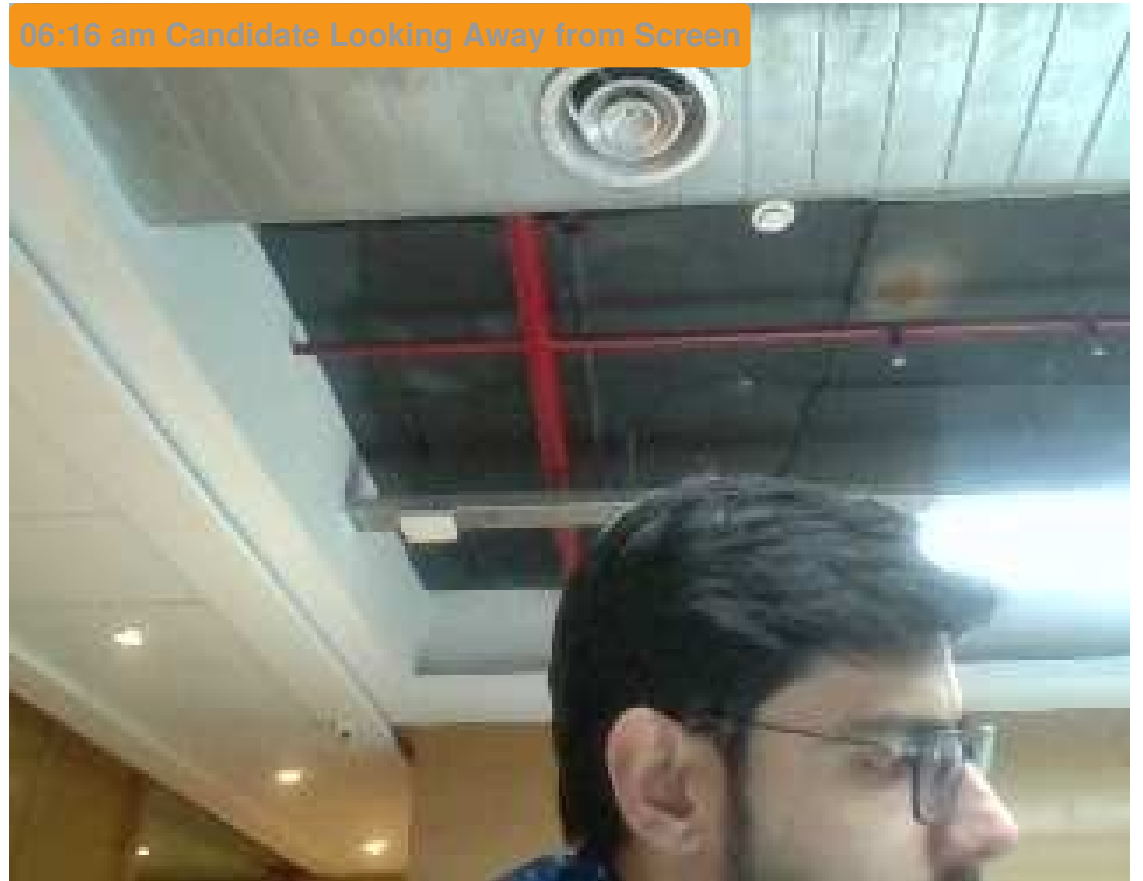
06:15 am Candidate Looking Away from Screen



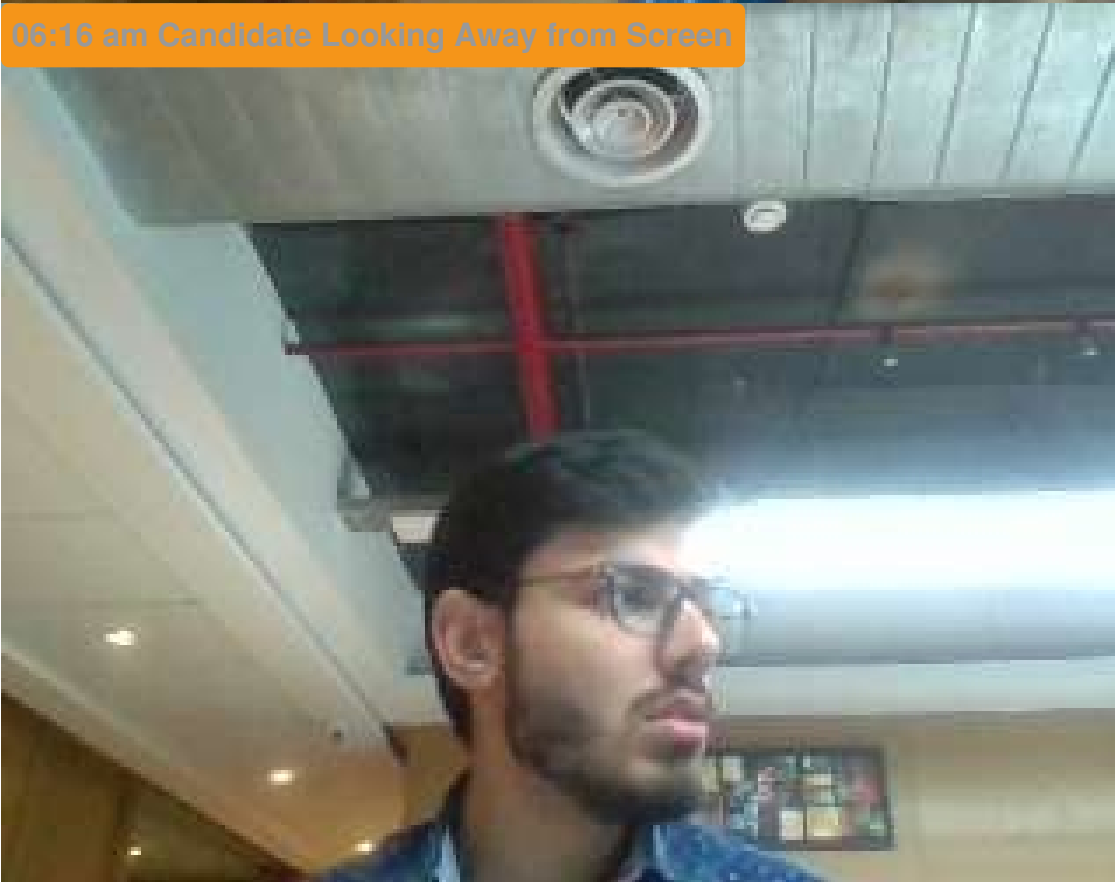
06:15 am Candidate Face Partially Visible



06:16 am Candidate Looking Away from Screen



06:16 am Candidate Looking Away from Screen



06:17 am Candidate Looking Away from Screen



06:18 am Additional person there



06:18 am Additional person there



01 Dec,2018

06:10 am Started the test with Code
06:10 am Candidate gave us right to the following feeds
- camera
- microphone
06:13 am **Away from test window for 01 mins**
06:13 am Went to MCQ of the test
06:14 am **Mobile Phone Detected**
06:15 am Went to Code of the test
06:15 am **Candidate Looking Away from Screen**
06:15 am **Candidate Face Partially Visible**
06:16 am **Candidate Looking Away from Screen**
06:17 am **Candidate Looking Away from Screen**
06:18 am **Additional person there**
06:18 am Went to MCQ of the test
06:18 am Went to Code of the test
06:20 am Finished the test

