

# Recruitment in India 2016 Programming Examination

Write program(s) for examination 1 or 2 provided in the mail link, in accordance with the following rules:

## Rules

1 - Write program for **one examination at least**.

You can write programs for BOTH the examinations, or you can write program for examination 1 or 2.

2 - Use either **Java or C++**.

3 - **English** only.

Use English or derivatives of English for all class names, identifiers, method names, comments, etc...

4 - **Do not copy** the source code from the other students or from websites.\*

5 - Do not show your source code to other students or on any websites.\*

\* If we find the same source code with the others', we will not accept it.

6- Submission is allowed **only once**.

**Test** your program(s) by yourself carefully in various cases before submission.

7 -Use UTF-8 file encoding without BOM

8 -Don't use restricted functions such as system.

## Environment

### <Java>

Compile and execute in Java 8 environment.

You can use the classes of Java Platform Standard Edition 6/7 API Specification but CAN NOT use other libraries.

### <C++>

Compiler : GCC 4.8.2 or later(The latest version of g++ by apt-get).

You CAN use only C++ Standard Library. Do not use other libraries.

**Deadline :** In 5 days as specified in the mail.

## Note

**\*Faster code is better**

Implementation with faster execution will lead to higher scores.

**\*Comment out the code for comments output and debug when you submit source code.**

**\*More chances to go to the next round if you submit both the examinations correctly.**

## **How to submit**

When you submit your code, please take following two steps;

- 1) Submit your codes through our submission website
- 2) Submit your personal information through Works Applications global career website

## **How to submit your code**

Please use our online site submission.

URL: <a href="http://examchk.worksap.com/">http://examchk.worksap.com/</a> user id: student / password: G0Ywxch3
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Submission procedures are following;

**(Please use Google Chrome)**

**1. Go to <http://examchk.worksap.com/>**

**2. Choose the exam you have done.**

**3. Paste your code and run verification**

On this site, your code will be compiled and verified with the most simple test case

**4. Submit your code**

Once verified, you will be able to submit your code from the same web page.

**5. Obtain “Submission ID”**

Once submitted, your “Submission ID” will be shown on the screen.

※Please take note of this ID because you will need it.

※If you worked on two exams, you will take this submission procedure twice,  
so you will have two Submission IDs

## **How to submit your personal information**

Please use our career website

URL: <http://career.worksap.com/>

Submission procedures are following;

1. Go to <http://career.worksap.com/>
2. Click “Apply Now”
3. Look for “Research & development engineer”  
” Click “Show details”



4. Click “Apply”
5. Click “Accept”
6. Input your personal information and your “Submission ID”  
Input your information as directed.  
You will find field to enter your “Submission ID” which you obtained from the submission site.

## **Next Step : Regarding the interview**

If you pass the programming examination, we will interview you including live coding in front of our engineer with your source code for the examination.

We are looking forward to your Submission.

(Page 3)