

Indian Computing Olympiad

It is a nation wide programming competition(<http://www.iarcs.org.in/inoi/>) organised annually. The goal of the competition is to identify school students to represent India at the International Olympiad in Informatics (<http://ioi2017.org/>), having outstanding skills in algorithms and computer programming. Often considered as Olympics of programming for high school students, IOI is one of the twelve international Science Olympiads held annually.

Eligibility:

The olympiad is open for all the Indian school students. It is an individual event.

Format of the Olympiad:

The Indian Computing Olympiad comprises of two rounds:

- **Zonal Olympiad:** The zonal round would serve as the first round and the students can take part in either of the below olympiads to progress to the next stage. The examination will be to test the aptitude of the students, their logical competence, problem-solving skills, and critical thinking.
 - Zonal Informatics Olympiad (ZIO) - consists of logical reasoning questions, which can be solved on pen and paper
 - Zonal Computing Olympiad (ZCO) - consists of basic programming questions. Additionally, one needs to have elementary programming knowledge
- **Indian National Olympiad in Informatics (INOI):** The second round is the INOI, which is a 3 hour long online programming competition. It is based on programming knowledge. Students who qualify the zonal round, shall appear in INOI.
- Top 25-30 students from INOI are selected for the International Olympiad in Informatics (IOI) training camp, where they are trained to represent India at IOI.

Registration:

You can find all the details on this link, <http://www.codechef.com/ioi/2017>.

You can find all details about registration here, <http://www.iarcs.org.in/inoi/current.php>.

For any queries, feel free to reach out on schools@codechef.com or call on (022)-61966361.

Links to get started

ZIO

- If you do not know programming, you can appear for ZIO
- You can start to solve past years ZIO questions, which we have archived here: <https://www.codechef.com/ioi/zio>
- The [TCS iON Digital Hub for ICO](#) has ZIO papers from 2014, 2015 and 2016 available as Practice Tests. You can attempt each of these tests five times through the Digital Hub to familiarize yourself with the interface that you will be using during the actual exam.

ZCO

- Pick a programming language using which you are comfortable to program. The allowed languages are C, C++ and Java
- You can start to practice problem in the beginner section on the following link: <https://www.codechef.com/problems/school> which are specially for school students. You can refer to the editorials provided for help.
- Handy guide for common mistakes and errors you might need: <https://www.codechef.com/wiki/faq>
- Once comfortable with online judge, you can practice past years' ZCO questions on this link : <https://www.codechef.com/ZCOPRAC>
- For basic algorithms refer to the [Indian Computing Olympiad](#) study material, <http://www.iarcs.org.in/inoi/online-study-material/index.php>

If you are stuck somewhere, ask questions on discuss.codechef.com and get help from the community or feel free to contact us on schools@codechef.com.

Infographic of important dates and structure

PATH TO THE GOLD

OPEN TILL SATURDAY, 5 NOVEMBER, 2016

1 Registration

SUNDAY, 20 NOVEMBER, 2016

2 Zonal Computing Olympiad

SUNDAY, 20 NOVEMBER, 2016

2 Zonal Informatics Olympiad

SUNDAY, 8 JANUARY, 2017

3 Indian National Olympiad in Informatics

DURING MAY-JUNE 2017

4 IOI Training Camp

FRIDAY, JULY 28, 2017 - FRIDAY, AUGUST 4, 2017 : **TEHRAN, IRAN**

5 World Finals



Scan and share!

For any help call : 022 6196 6396

(Monday to Friday 11.00am to 8.00pm)

<http://www.codechef.com/ioi/2017>

Know more about CodeChef for Schools Initiative:

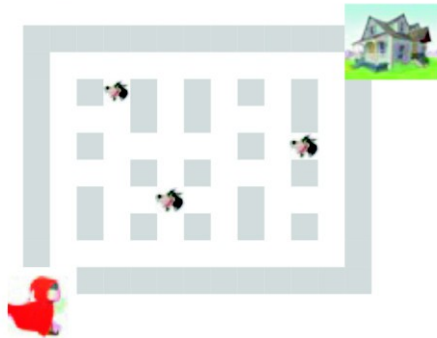
<http://www.codechef.com/school>



Indian Computing Olympiad

Enjoy challenging problems? Interested in programming?
Sharpen your skills. And win a gold medal for India!

How many safe routes does
Red Riding Hood have to reach
her grandmother's house?



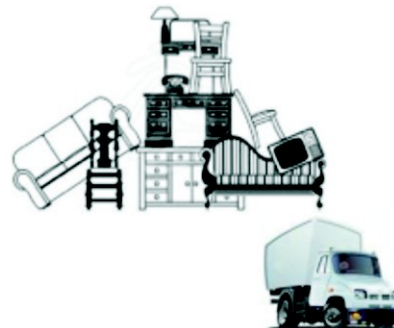
Which is the closest correction for **smaug**?

smug small
smog swag
slag slug

Find 3 numbers that add up to 1473

463 577 545 433
422 519 594 416
387 394 622 489

What is the best way to load the truck?



**Join the race to represent India at the International Olympiad
in Informatics in July 2017 at Iran**

We won a gold in 2014. You can win it too. It takes someone with passion,
who aspires for excellence. Someone who is unafraid, and relishes a challenge.
Someone who can cope with pressure. **It takes someone like you.**

Two options to get started

Zonal Informatics Olympiad, Sunday, 20 November 2016

Zonal Computing Olympiad, Sunday, 20 November 2016

Online registration now open

Visit <http://www.iarcs.org.in/inoi> or write to ico@iarcs.org.in

Indian Association for Research in Computing Science

Providing leadership in computing in India