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PRACTICE COMPETE

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# **Practice**



# This is the place to hone your skills.

Try your hand at one of the practice problems, and submit your solution in the language of your choice (our Judge accepts solutions in over 35+ languages). Receive points, and move up through the CodeChef ranks. Get better, and better prepare yourself for the competitions

	Easy	Medium	Hard	Challen	Challenge		er	School	
	Name				Code		Successful Submission		Accuracy
	Greedy Trip	eedy Trip				GRTRIP		5	
	Optimal Trip				TRIPCOST		7		44.68
	Crocodile				CROCDILE		8		45.45
	Paying optimally				COINCHNG		15		36.04
	Elephant	Elephant				HANT	25		59.69
•	Cooking dis	hes			coc	KFOOD	46		73.86
	Tasty Dishe	s			TAS	ΓYD	47		37.2
	Entangled Strings				TANGLED		49		63.44
	Online Shopping				COUPON		106		52.76
	Number of F	Factors			NUM	IFACT	247		40.31

#### ABOUT SCHOOL:

This section contains problems from LunchTime contests that we host.

#### RECENT COMMENTS

03:51 AM Aug 12th: sirplentifus commented on Online Shopping: Do the items have to be purchased in order?

06:09 PM Aug 11th: sirplentifus commented on Number of Factors: My method involved using 1MB of memory. Is that why I got a "SIGABRT"? The FAQ s...

03:46 PM Aug 3rd: vineet69 commented on Number of Factors: Whats the problem...I wrote and submitted complete codes and only partial code is ...

08:10 PM Jul 29th: sp1rs commented on Number of Factors: Nice Editorial..Nice problem Gain lots of knowledge

08:07 PM Jul 29th: strider29 commented on Entangled Strings:

http://www.codechef.com/viewsolution/2408567 wh. does it give wrong answer for I=1...

04:52 PM Jul 29th: grijesh92 commented on Optimal Trip: Is it possible to get more test cases for this problem ??

11:29 AM Jul 29th: manish686 commented on Number of Factors: @ bahdur its simple yr c the first input are 3,5 and 7 so the no. is 105 and if u ...

02:01 AM Jul 28th: arindam93 commented on Greedy Trip: Greedy TSP!

12:51 PM Jul 27th: bahdur\_tyoji commented on Number of Factors: plz some1 xplain the outputs. :(

12:48 PM Jul 5th: rishabhsixfeet commented on Greedy Trip: is thr a solution in c

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CodeChef is a non-commercial competitive programming community

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The time now is: 01:35:06 AM

#### **CodeChef** - A Platform for Aspiring Programmers

CodeChef was created as a platform to help programmers make it big in the world of algorithms, **computer programming** and **programming contests**. At CodeChef we work hard to revive the geek in you by hosting a **programming contest** at the start of the month and another smaller programming challenge in the middle of the month. We also aim to have training sessions and discussions related to **algorithms**, **binary search**, technicalities like **array size** and the likes. Apart from providing a platform for **programming competitions**,

#### Practice Section - A Place to hone your 'Computer Programming Skills'

Try your hand at one of our many practice problems and submit your solution in a language of your choice. Our **programming contest** judge accepts solutions in over 35+ programming languages. Preparing for coding contests were never this much fun! Receive points, and move up through the CodeChef ranks. Use our practice section to better prepare yourself for the multiple **programming challenges** that take place through-out the month on CodeChef.

### **<u>Compete</u>** - Monthly Programming Contests and Cook-offs

Here is where you can show off your **computer programming** skills. Take part in our 10 daylong monthly **coding contest** and the shorter format Cook-off **coding contest**. Put yourself up for recognition and win great prizes. Our **programming contests** have prizes worth up to Rs.20,000 and \$700lots more CodeChef goodies up for grabs.

#### Discuss

Are you new to **computer programming**? Do you need help with algorithms? Then be a part of CodeChef's Forums and interact with all our programmers - they love helping out other programmers and sharing their ideas. Have discussions around **binary search**, **array size**, **branch-and-bound**, **Dijkstra's algorithm**, **Encryption algorithm** and more by visiting the CodeChef Forums and Wiki section.

## CodeChef Community

As part of our Educational initiative, we give institutes the opportunity to associate with CodeChef in the form of Campus Chapters. Hosting online programming competitions is not the only feature on CodeChef. You can also host a coding contest for your institute on CodeChef, organize an algorithm event and be a guest author on our blog.

#### Go For Gold

The Go for Gold Initiative was launched about a year after CodeChef was incepted, to help prepare Indian students for the ACM ICPC World Finals competition. In the run up to the ACM ICPC competition, the Go for Gold initiative uses CodeChef as a platform to train students for the ACM ICPC competition via multiple warm up contests. As an added incentive the Go for Gold initiative is also offering over Rs.8 lacs to the Indian team that beats the 29th position at the ACM ICPC world finals. Find out more about the Go for Gold and the ACM ICPC competition here.