CODE GOLF

INTRODUCTION

Confident of your coding style? Believe that you write the most optimized code? Come join us at UREKON 2k19 - CodeGolf, prove your mettle, and claim cash prizes. CodeGolf is a game designed to let you show off your code-fu by solving problems in the least number of characters. Optimize, minimize, and win.

OBJECTIVE

CodeGolf is a type of recreational computer programming competition in which participants strive to achieve the shortest possible source code (in terms of character count) that solves a certain problem. Please do not confuse Code golf with size-coding (a contest to achieve the smallest binary executable code)

About the Event

A team can have a maximum of 2 members. The event will consist of two rounds. • Round 1(Prelims): a. There will be 1 question. b. 1hr time will be given. • Round 2 (Finals): Top (*) participants from PRELIMS will be qualified for FINAL. *Not decided yet. Ranges from 15-25.

RULES & REGULATIONS:

• Team consists of a maximum of 2 members.
• Program with least characters wins.
• Laptops, hard-disks, cell phones or any electronic devices are not allowed.
• Carrying books and surfing websites is not allowed during the contest
• Any illegal activities will lead to the disqualification.
• Co-coordinators decision will be final in all events about the competition.

SAMPLE

Let us see how it must be done.
Say you have to write a program to swap two variables without using third variable. So in normal way you can write

```
#include<stdio.h>
void main() {
    int x,y;
    scanf("%d%d",&x,&y);
    x = x + y;
    y = x - y;
    x = x - y;
    printf("%d %d",x,y);
}
```

The above source code consists of 118 characters.

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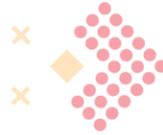
But this can be shortened a little bit just using the following:
x = x + y – (y = x);

So the final code cutting down the newlines and whitespaces will be:

```
#include<stdio.h>int main(){int x,y;scanf("%d %d",&x,&y); x=x+y-(y=x);printf("%d %d",x,y);return 0;}
```

Now the source code consists of 100 characters

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