



CODAN WARS

Event Description:-

Does gaming run through your veins and yet coding intrigues you? Well this new event provides you with a flair of both. Welcome, to the world of the Codans. All they want to do is collect precious resources and show the others Codans of their strength. This time round they are inviting you to be a part of their world. Well are you up to the task of Conquering and Capturing...?

Event Timeline and Rules:-

This is an individual event where you are the ruler of a kingdom. Your sole aim is to earn more resources and prove your dominance over your enemies.

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The Game:

Initially you and 3 other rulers will be assigned a region. To prove your dominance in that region you have to collect as many resources as possible and expand your kingdom. Your resources are equivalent to points.

After every 6 hours new regions will be assigned to all the rulers. To make the assignment fair, rulers of (almost) equal strength will be grouped together for the region. Strength is measured by the total amount of resource the ruler has at the end of the previous round. As already mentioned resources will stand for a certain amount of points. At end of every six hours the leader board will display the points all the rulers have got. Based on the leader board starting from the highest point getters 4 participants are put in the same region (linearly from top to bottom) to give a fair chance to all participants. And this continues until the end of the game. The final leader board standings will decide the winners.



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Conquering a region:

Each one of the 4 rulers trying to conquer the region will be given a castle on the map. To conquer the region, you have to traverse through the map, starting from the castle, and collect as much resource as you can. You can take any path you want. The resources are present as rewards at different points in the map. To win the resource at any point you have to solve the question given by the guard who is guarding it.

If you give the correct solution the guards will reward you, but for wrong solution they penalize you by taking a portion of your resource (or points).

You can challenge the guard guarding a resource only if you have CAPTURED the previous resource on that path.

Controlling a Resource:

Being a ruler you have special powers. Once you obtain the resource at one of the points on the map, you control that point till the end of the round. No one else can CAPTURE that resource further nor can they challenge you for that resource.

How can you use it to your advantage?

I think you can figure that out ;)

Hint: Paths in a map eventually can intersect.

Solving a guard's question:

The guard will give you a problem statement along with all the requirements and constraints which will be necessary. Once you think you have a solution prepared you can ask the guard for a set of input. At that moment he will provide an input file and start a 2 minute countdown. To solve the question successfully,



you have to upload 2 files - your solution(the code), and the output file for the given input file.

This whole event will be spanned over 48 hours. So the participants playing throughout will get to play on 8 regions over the span of two days and get a lot of chances to showcase their skills in coding.

