CodeWars:
An HP bet for the future

May 2017

Introduction

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What is Codewars?

A first-class computer programming competition for high school students from 14 until 18 years old.
It was born in USA 19 years ago and it took place in Europe two years ago, first in Barcelona and in 2016 in León.

What are we looking for?

We aim to raise interest in STEM careers among youth, both girls and boys. We try to promote an educational and collaborative contest, where young students find themselves comfortable thinking and developing their technological capacities.

Motivation
from the early days

Social context

Why have we decided to work with students?

In a new life and business model environment, there is a skill set disruption and there is no time to loose. Begin with children and Young students to focus their capabilities on this direction: technologies, means be ready for the future.

As the World Economic Forum declared in "The Future of Jobs" – the impact of technological, demographic and socioeconomic disruptions on business models will be felt in transformations to the emploument landscape and skills requirementes-For a talent revolution to take place, goverments and business will need to change their approach to education-

The challenge

The contest

What is it consist CodeWars on?

- The contest will take place in the HP sites in Spain: Barcelona, León and Madrid.

- Every private or public high school can participate.

- Students from 14 to 18 years old (3º ESO to 2º BAC) with a teacher/sponsor having teams (2- 3).

- They have to resolve as many problems as they can of a battery of 20 with different levels of difficulty.

The problems

How will be the problems?

- Increasing difficulty problems with also different values using technologies as C, C++, Phyton and Java.

- They do not need to be experts in programming, the just have to think and get solutions.

- We want them to work in groups, to have fun together and to realixe they can do whatever they try to do.

We are waiting for you!