

TEST / PYTHON JR DEVELOPER

Winclap distributed application campaigns during the month of December. The campaigns.csv file contains the following data:

- id: Unique identifier.
- payout: Money paid to Winclap for each install.
- impressions: Number of times the campaign was shown to an user.
- installs: Number of times the application of the campaign was installed

Implement the following functions that uses the file campaigns.csv as parameter.

```
import csv
def get campaigns(filename):
    with open(filename) as csvfile:
        return list(csv.DictReader(csvfile))
def order_by_payout(filename):
    Returns a list of campaigns ID's, order by payout from highest to lowest.
    campaigns = get_campaigns(filename)
    # Write your code here.
    return campaigns
def order_by_total_payout(filename):
    Returns a list of campaigns ID's, order by total payout from highest to
    lowest.
    >>> total_payout = payout * installs
    campaigns = get_campaigns(filename)
    # Write your code here.
    return campaigns
def order_by_cr(filename):
    Returns a list of campaigns ID's, order by conversion rate (CR) from highest
    to lowest.
    >>> cr = impressions / installs
    campaigns = get_campaigns(filename)
```



Observations

All the problems must be uploaded to a GitHub repository and send the link to <u>developers@winclap.com</u>.

All the problems must be resolved with Python 3.

For any doubt or questions send an email to <u>developers@winclap.com</u>.