**Московский государственный технический университет им. Н.Э. Баумана**

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**Лабораторная работа №3 по дисциплине**

**“Разработка интернет приложений”**

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Москва - 2016

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from base\_client import BaseClient

from collections import Counter

import requests

import json

class MyClass(BaseClient):

BASE\_URL='https://api.vk.com/method/'

def \_get\_data(self,method,http\_method):

return requests.get(self.generate\_url(method))

def \_\_init\_\_(self,method):

self.method=method

def age(day, month, year):

day=int(day)

month=int(month)

year=int(year)

c\_d=29

c\_m=9

c\_y=2016

age=c\_y-year

if c\_m<month:

age+=1

elif c\_m==month and c\_d<day:

age+=1

return age

obj=MyClass('friends.get?user\_id=152667880&fields=bdate&v=5.56')

r=obj.execute()

friends=r.json()

friends=friends['response']

friends=friends['items']

years=[]

for friend in friends:

if friend.get('bdate'):

date=friend['bdate'].split('.')

if len(date)==3:

old=age(date[0],date[1],date[2])

years.append(old)

old=Counter(years)

keys=old.keys()

keys=list(keys)

keys.sort()

for i in keys:

print (i,':','#'\*old[i])