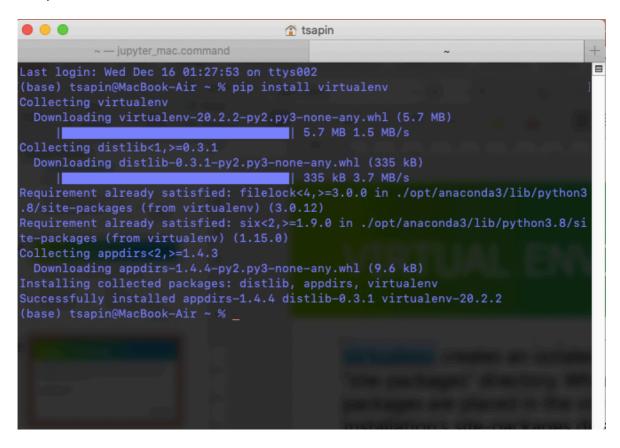
# Python Core, SoftServe Home Work 1, Task 4 | Oleksandr Tsapin

Install virtual environment. Install Python 2.7 within virtual environment. Complete Task 1, Task 2 and Task 3 using appropriable syntax.

Step 1. Instal virtualenv.



Step 2. Create virtual environment specifying version of Python, and name it «py27\_en».

```
(base) tsapin@MacBook-Air Environments % virtualenv -p /usr/bin/python2.7 py27_env
created virtual environment CPython2.7.16.final.0-64 in 5956ms
    creator CPython2macOsFramework(dest=/Users/tsapin/Desktop/projects/Environments/py27_env, clear=False,
    no_vcs_ignore=False, global=False)
    seeder FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, via=copy, app_data_di
r=/Users/tsapin/Library/Application Support/virtualenv)
    added seed packages: pip==20.3.1, setuptools==44.1.1, wheel==0.36.1
    activators BashActivator,CShellActivator,FishActivator,PowerShellActivator,PythonActivator
(base) tsapin@MacBook-Air Environments % ls
    py27_env
(base) tsapin@MacBook-Air Environments % _
```

Step 3. Activate virtual environment.

```
(base) tsapin@MacBook-Air Environments % source py27_env/bin/activate (py27_env) (base) tsapin@MacBook-Air Environments %
```

Check the version of the Python we are using.

```
(py27_env) (base) tsapin@MacBook-Air Environments % which python
/Users/tsapin/Desktop/projects/Environments/py27_env/bin/python
(py27_env) (base) tsapin@MacBook-Air Environments % python --version
Python 2.7.16
(py27_env) (base) tsapin@MacBook-Air Environments %
```

Step 4. Modify slightly the code to run in Python 2.7. Run all the tasks.

## Task 1 Code

```
a = 5
b = 10
print "a = {}; b = {}".format(a,b)
print "a + b = ", a + b
print "a - b = ", a - b
print "a * b = ", a * b
print "a / b = ", float(a) / float(b)
```

### 0utput

```
(py27_env) (base) tsapin@MacBook-Air HW % python task1_py27.py
a = 5; b = 10
a + b = 15
a - b = -5
a * b = 50
a / b = 0.5
```

### Task 2 Code

```
name = raw_input("What is your name? ")
age = raw_input("How old are you? ")
residence = raw_input("Where do you live? ")
print "Hello ", name
print "Your age is ", age
print "You live in ", residence
```

#### **Output**

```
(py27_env) (base) tsapin@MacBook-Air HW % python task2_py27.py
What is your name? Sashko
How old are you? 34
Where do you live? Kyiv
Hello Sashko
Your age is 34
You live in Kyiv
```

### Task 3 Code

```
print """
            *****
```

```
Output
(py27_env) (base) tsapin@MacBook-Air HW % python task3_py27.py
```