

# 第一天 环境部署和基本语法

## 一、安装

```
1 | [root@qfedu.com ~]# pip3 install ipython
```

## 二、基本使用

### 1. 启动 Ipython

```
1 | [root@qfedu.com ~]# ipython
```

### 2. 特点

支持 Tab 键补全

连续按下两次 Tab 键即可

```
In [1]: s = 'shark'
```

```
In [2]: s.capitalize█
```

capitalize()	encode	format	isalpha	isidentifier
casefold	endswith	format_map	isascii	islower
center	expandtabs	index	isdecimal	isnumeric
count	find	isalnum	isdigit	isprintable
function()				

可以查看函数的源码

方法： ??函数名

```
1 | In [5]: ??open    # 按下回车即可查看 open 函数的源码, 输入  
q 退出源码
```

**Signature:**

```
open(  
    file,  
    mode='r',  
    buffering=-1,  
    encoding=None,  
    errors=None,  
    newline=None,  
    closefd=True,  
    opener=None,  
)
```

**Docstring:**

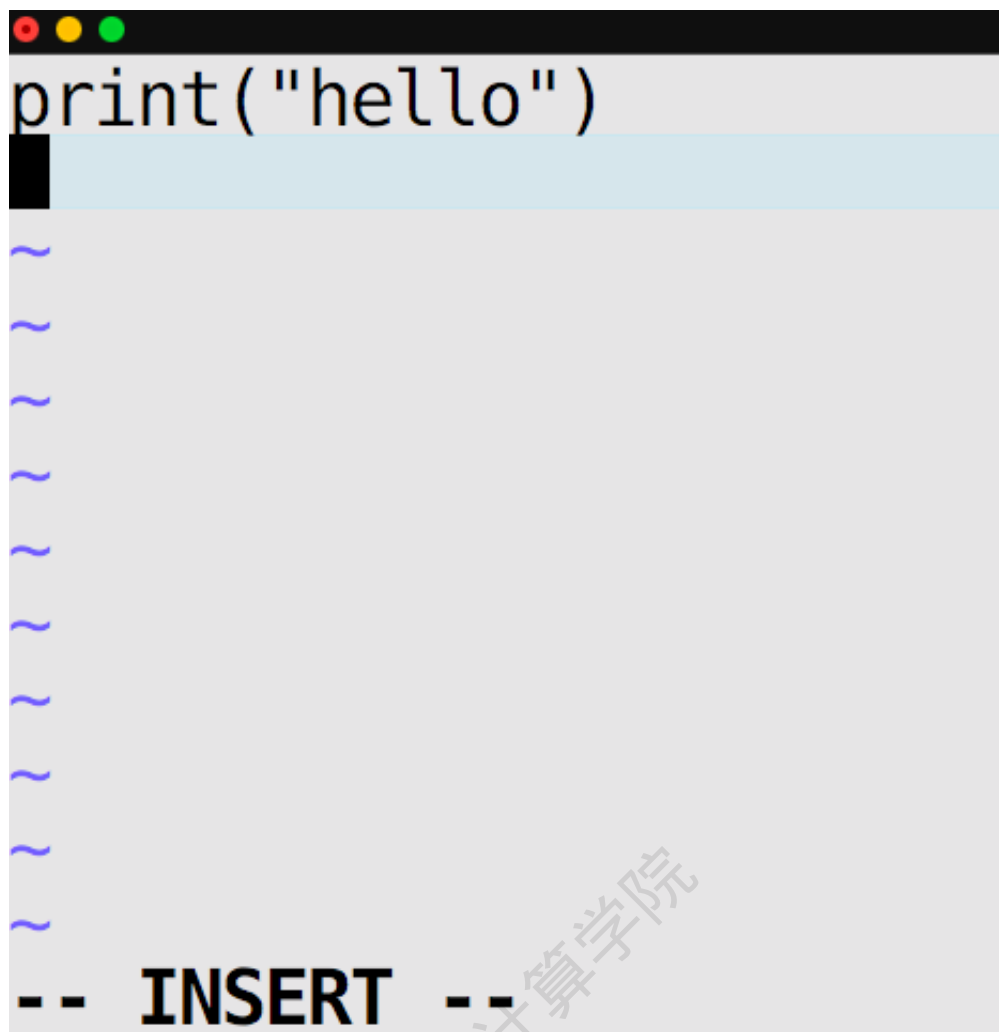
Open file and return a stream. Raise OSError upon failure.

## 可以执行系统命令

方法: `!命令`

```
1 | In [6]: !vi hello.py
```

输入如下内容, 并保存退出



A code editor window with a black title bar and three colored window control buttons (red, yellow, green) on the left. The editor area has a light gray background. The first line of code is `print("hello")`. Below this line, there is a large, semi-transparent watermark that reads "千锋云计算学院". At the bottom of the editor, there is a text prompt `-- INSERT --`.

执行脚本程序

```
1 In [8]: %run hello.py
2 hello
3
4 In [9]:
```