CS305B Lab2 Report

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On-class assignment

```
lab_assets > 💤 2.py
                                                                                                                                    Project V lab_ass
                            ∨ Iab_assets ~/OneDrive - 南方科技大学/UG/Course/T(1
                                                 a = "fanqingyuan"
     icons
                                                 for i in range(len(a)):
ent 2.py
                                                  print(a[i])
   channeldata.json
      index.html
  > III External Libraries
  > To Scratches and Consoles
                                                  for i in range(len(a))
  ▶ ↑ /Users/cyf/opt/anaconda3/envs/CS305_lab_assets/bin/python "/Users/cyf/OneDrive - 南方科技大学/UG/Course/T6/CS305B计算机网络B/lab/lab_assets/2.py"
  p 4
  ■ ⇒ n
     =+
         Process finished with exit code 0
```

Assignment

HiPython.py

```
def HiPython():
    print("hi, I'm programing in \"python\"")
```

max_min.py

```
def find_max_min(list):
    list_max = max(list)
    list_min = min(list)
    return list_max, list_min
```

cat.py

```
class cat:
    def __init__(self, name):
        self.name = name
    def meow(self):
        return self.name + " meow"
```

test.py

```
import cs205b_lab2

cs205b_lab2.HiPython()

alist = [5,-1,8,-99,7,100,56,-34]
  amax,amin = cs205b_lab2.find_max_min(alist)
  print("max=%d,min=%d" % (amax,amin))

mycat = cs205b_lab2.cat("Persian cat")
  print(mycat.meow())
```

test.py Execution result

```
hi, I'm programing in "python"

max=100,min=-99

Persian cat meow
```