



5445

.

u

h

u

H

u

5

5	u	
4		

u

5

u

Python  
Python

.

OS

.

4

ffl

Hadoop

.

HDFS                    HDFS                    ;

HDFS                                       Hive

HQL

.

4

Python

HTTP

HTTP

Cookie

.

urllib3                    Requests                    HTTP

Chrome                                       Xpath                    BeautifulSoup

JSON

.

4



matplotlib pyplot

.



.

4

.

4

4

5		
4	u	u u u
		ffi
		iiffi  fchi

5

44

5 5 5

44

5	445		ffl 445 4 4	
4	445	4	4 4 ch ffl i ffl 445 454 455 5	
			4 4 ch ffl i ffl 445 5445544 5	
			4 4 ch ffl i ffl 445 44455 44	