

p k kk

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	kk	

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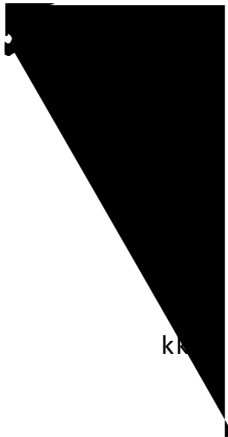
Python
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Hadoop



HDFS ;
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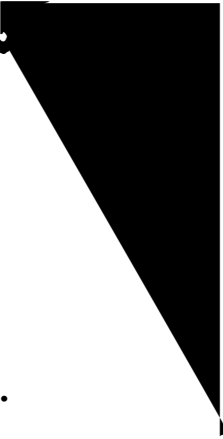
Python
HTTP
HTTP
Cookie

urllib3 Requests HTTP
Chrome Xpath Beautiful Soup
JSON

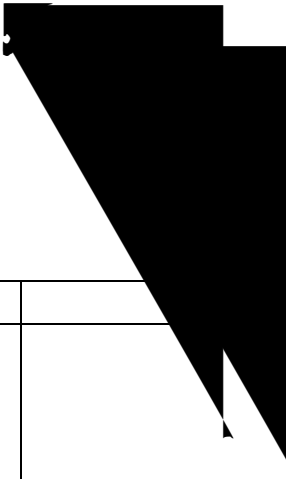


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matplotlib pyplot

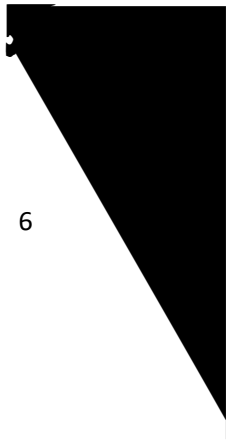


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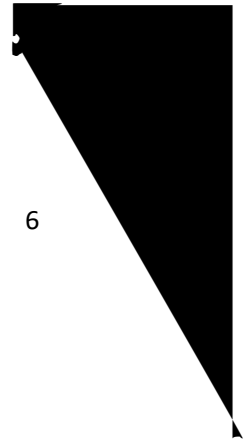


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	p k	p k p k p k
	kk	kk kk kk kk ft kk
		ft p pkk k p

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	64	pp p 6 k	p p ft p ft 64 64
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