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2015 8
11
2016 10
2016 7
11.9 8 2 3
30-50 2018 150

14 3 3 5 6
71% 5

2014 100
4 IBM x3850 X5 1
1 60 1
101 1 101

M00Cs

580

2015 5 8

2017 6

MOOCs

16

			%		%		
		42	24	784	28		
		63	36	1122	39		
		105	60	1906	67		
			14	8	210	8	A
							B
							C
							D
							E
							F
							G
		40	23	720	25		
		54	31	930	33		

		16	9			
		175	100	2836	100	

0.8 15 2.5 45 0.7 12

	Introduction to Mao Zedong Thought and Theories of socialism with Chinese characteristics																	
00000533	Ideological and Political Theory Practice	2	36		36													
00000504	Fundamental Theories of Marxism	3	54	45	9		3											

00000505 The Outline of Chinese Modern History 2 36 30 6 2

	College Students																	
25700120	Health-education for university students	1	16	16					2	1	2	2						
25703400	College Students' Military Theory Education	2	36	30	6	2(1)	2(2)											
25703471	Creative Thinking	1	16	16				2										
25703470	Introduction of Innovation and Entrepreneurship	1	16	16				2										

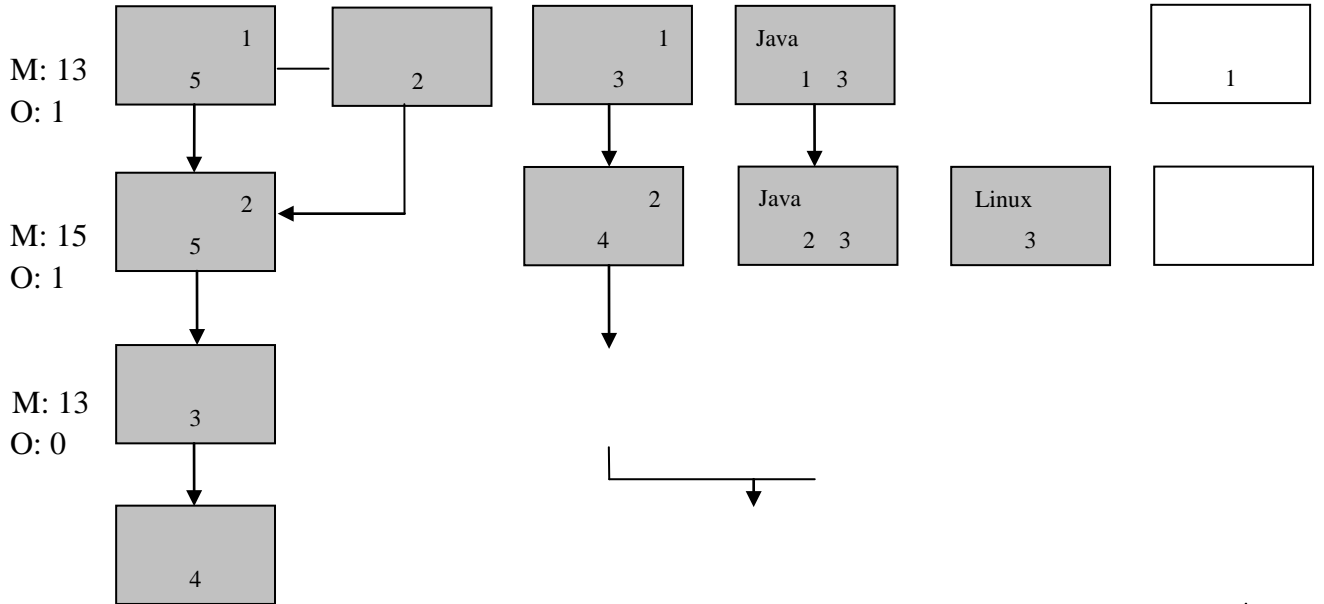
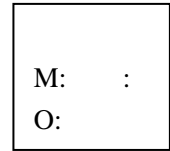
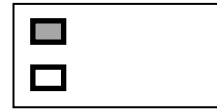
	Data Structure Java																	
07200170	* Statistics	4	72	54	18						5							
07200180	Python * Fundamentals of Data Mining Python	4	72	54	18						4							
07200190	MySQL * Database Application and Technology MySQL	3	54	28	26						4							
07200200	Hadoop Hadoop Large Data Storage and Operation	4	72	36	36						4							
07200210	Hbase Hbase Big Data FastRead and Write	3	54	28	26							4						
07200220	Multivariate Statistical Analysis	4	72	60	12							5						
		63	1122	765	257													
07301010	Orientation	1	18	18		4												
07301020	Introduction toBbig Data Applications	1	18	18				6										
07301030	Web Introduction to Web Technology	3	54	36	18						4							
07301040	Distributed Introduction	3	54	36	18						4							
07301050	Text Data Mining	3	54	28	26							4						
07301060	Spark Spark Large Data Fast Operation	2	36	18	18							4						
07301070	Hive Hive Data Warehouse	2	36	18	18							4						
07301080	Data Acquisition and Web Crawler	3	54	28	26							4						
07301090	HTML5 HTML5	2	36	18	18								4					
07301100	Data Visualization	2	36	18	18								4					

	07301 110	Image Data Mining	3	54	28	26								4				
	07301 120	Mathematical modeling	3	54	28	26				4								
	07301 130	Optimization Method	3	54	36	18				4								
	07301 140	Statistical Computing	3	54	36	18				4								
	07301 150	Survey Sampling	3	54	54								5					
	07301 160	R R Language	3	54	36	18							4					
	08301 170	Time Series Analysis	3	54	36	18							5					

07301

1800

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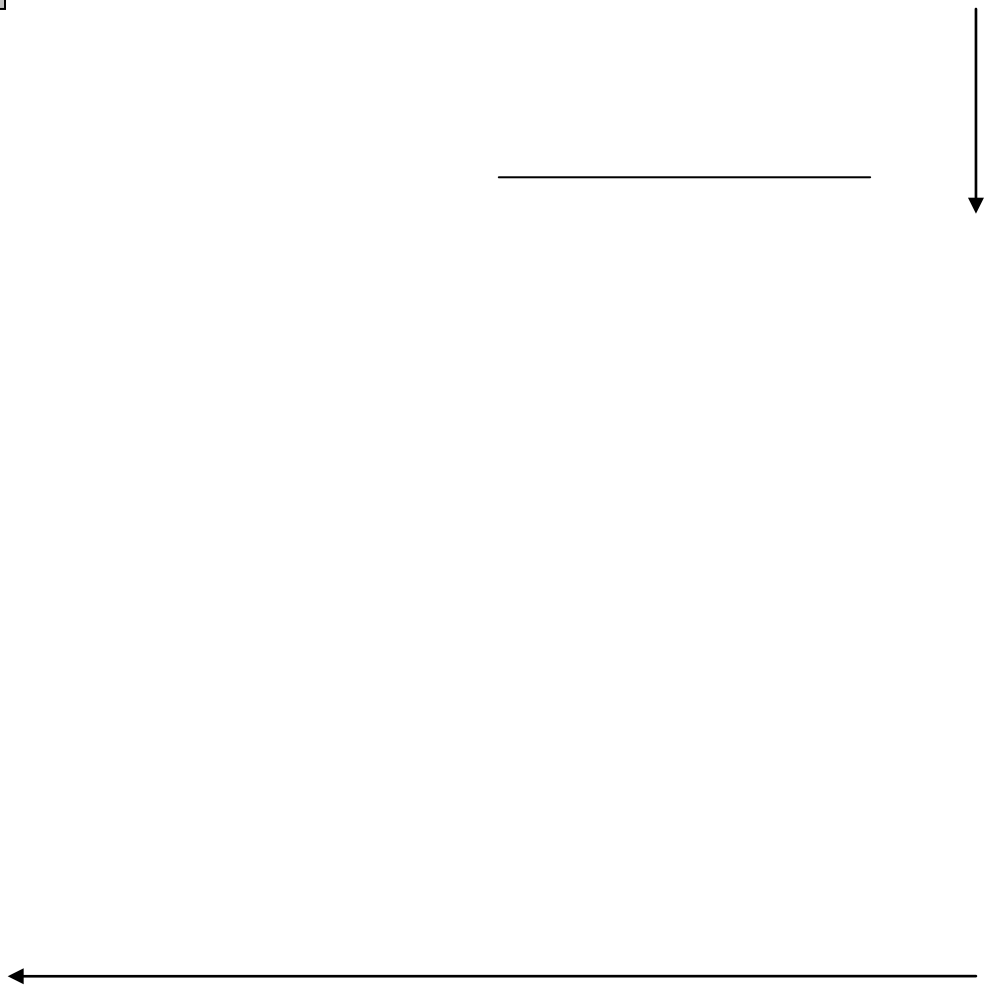
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O: 19

M: 0
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O: 0

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