## 数据结构大作业

Binomial heap	AA tree	AVL tree	Double-ended queue		组队1		组队2		组队3		总结报告	Binomial heap	AA tree AA tree	AVL tree Double-ended queue	组队1 组队2	组队2	授课	
初测 复测	初测 复测	初测 复测	初测 复测	代码回顾	报告 理解程度 理解程度 推迟天数 助教1 助教2 助教3	推迟天数 项目链接 助教1	代码回顾       工作量     框架设计     理解程度     理解程度       助教2     助教1     助教2     助教1	报告	代码回顾    工作量   框架设计   框架设计   理解程度   理解程度   推迟天装   地数2   地数2   地数2   地数2   地数2   地数2   地数2   地	报告 数 助教1 助教2 助教3 推迟天数	助教1 助教2 助教3 助教4 基础	战成绩 提供数据 可持久化 提供 注(定)	共数据 可持久化 提供数据 可持久化	, 提供数据 可持久化 提供数据 可持久化 ————————————————————————————————————	难度 难度		<b>製工                                    </b>	n111
	2.00%   2.00%   -0.40%   3.00%   3.00%   -0.60%   2.40%						4.00%   1.00%   1.00%   1.00%   -1.00%							1.00% ??? 1.00% ???				
	4/17 20:00 4/18 20:00	4/29 20:00 4/30 20:00	5/17 20:00 5/18 20:00	:00 4/10 20:00	4/5 20:00		4/27 20:00	4/22 20:00	5/18 20:00	5/13 20:00				0 4/28 20:00 5/3 20:00 5/16 20:00 5/17 20:00	4/10 20:00 4/27 20:00	5/18 20:00 3/15		
100.00% 100.00% 0.00 100.00% 100.00% 0.00				80.00% 80.00% 80.00% 80.00%	80.00% 80.00% 0.00 85.00% 80.00% 85.00%	0.00 <a href="https://github.com/PrayStarJirachi/Top-Tree">https://github.com/PrayStarJirachi/Top-Tree</a>					20.10%	<b>17.85</b> 0.00 0.00 0.	0.00		0.00% 30.00%		80.	80.00% 80.00% <b>7.00% 0.00</b>
100.00% 100.00% 0.00 100.00% 100.00% 0.00				80.00% 80.00% 80.00% 80.00%	80.00% 80.00% 0.00 85.00% 80.00% 85.00%	0.00 <u>https://github.com/PrayStarJirachi/Top-Tree</u>					20.10%	<b>17.85 1.00</b> 0.00 <b>1.</b>	.00		0.00% 30.00%	85.00%	85.00% 85.	85.00% 85.00% <b>13.50% 0.00</b>
100.00% 100.00% 0.00 100.00% 100.00% 0.00				85.00% 85.00% <b>90.00% 90.00%</b>	80.00% 80.00% 0.00 85.00% 80.00% 85.00%	0.00 <u>https://github.com/PrayStarJirachi/Top-Tree</u>					20.70%	<b>18.39 1.00</b> 0.00 <b>1.</b>	.00		0.00% 30.00%		80.	80.00% 80.00% <b>9.00% 0.00</b>
100.00% 100.00% 0.00 100.00% 100.00% 0.00				80.00% 84.00% 82.00% 83.00%	85.00% 80.00% 0.00 85.00% <b>70.00%</b> 85.00%	0.00 <u>https://github.com/Akigeor/Y-Fast-Trie</u>					20.26%	<b>18.00 1.00</b> 0.00 0.	0.00		.00% <b>-15.00%</b>		80.	80.00% 80.00% <b>4.10% 0.00</b>
100.00% 100.00% 0.00 100.00% 100.00% 0.00				80.00% 82.00% 80.00% 80.00%	85.00% 80.00% 0.00 85.00% <b>70.00%</b> 85.00%	0.00 <u>https://github.com/Akigeor/Y-Fast-Trie</u>					20.13%	<b>17.88 1.00</b> 0.00 0.	0.00		.00% <b>-15.00%</b>		80.	80.00% 80.00% <b>4.10% 0.00</b>
100.00% 100.00% 0.00 100.00% 100.00% 0.00				80.00% 80.00% 80.00% 80.00%	85.00% 80.00% 0.00 85.00% <b>70.00%</b> 85.00%	0.00 <u>https://github.com/Akigeor/Y-Fast-Trie</u>					20.05%	<b>17.81</b> 0.00 0.00 0.	0.00		.00% <b>-15.00%</b>		80.00% 80.00% 80.	80.00% 80.00% <b>7.10% 0.00</b>
100.00% <b>50.00%</b> 0.00 100.00% 100.00% 0.00				80.00% 80.00% 80.00% 80.00%	80.00% 80.00% 0.00 85.00% <b>90.00% 90.00%</b>	0.00 <u>https://github.com/xzj1997/AAA-Tree</u>					19.45%	<b>17.28</b> 0.00 0.00 0.	0.00		0.00% 60.00%	85.00%	75.00%	10.60% 0.00
100.00% 100.00% 0.00 100.00% 100.00% 0.00				80.00% 80.00% 80.00% 80.00%	80.00% 80.00% 0.00 85.00% <b>90.00% 90.00%</b>	0.00 <u>https://github.com/xzj1997/AAA-Tree</u>					20.25%	<b>17.99</b> 0.00 0.00 0.	0.00		0.00% 60.00%		60.00% 60.00%	9.60% 0.00
100.00% 100.00% 0.00 100.00% 100.00% 0.00				80.00% 80.00% 80.00% 80.00%	80.00% 80.00% 0.00 85.00% <b>90.00% 90.00%</b>	0.00 <u>https://github.com/xzj1997/AAA-Tree</u>					20.25%	17.99 1.00 1.00 0.	.50		0.00% 60.00%		75.00% 85.00%	12.10% 0.00
100.00% 100.00% 0.00 100.00% 100.00% 0.00				80.00% 75.00% 80.00% 80.00%	80.00% 80.00% 0.00 85.00% 75.00% 85.00%	0.00 <u>https://github.com/Crystalrem/AAA-Tree</u>					19.85%	<b>17.63</b> 0.00 0.00 0.	0.00		0.00% 20.00%	60.00%	60.00% 60.00% 60.00%	7.80% 0.00
100.00% <b>0.00%</b> 0.00 100.00% 100.00% 0.00				80.00% 77.00% 80.00% 80.00%	80.00% 80.00% 0.00 85.00% 75.00% 85.00%	0.00 <u>https://github.com/Crystalrem/AAA-Tree</u>					18.33%	<b>16.28</b> 0.00 0.00 0.	0.00		0.00% 20.00%			1.80% 0.00
100.00% 100.00% 0.00 100.00% 100.00% 0.00				85.00% 80.00% 80.00% 80.00%	80.00% 83.00% 0.00 85.00% 75.00% 85.00%	0.00 <u>https://github.com/Crystalrem/AAA-Tree</u>					20.28%	<b>18.01</b> 0.00 0.00 0.	0.00		0.00% 20.00%			1.80% 0.00
100.00% 100.00% 0.00 100.00% 100.00% 0.00				<b>95.00%</b> 87.00% 85.00% 85.00%	80.00% 85.00% 0.00 85.00% 75.00% 85.00%	0.00 <u>https://github.com/Crystalrem/AAA-Tree</u>					21.08%	<b>18.72</b> 0.00 0.00 0.	0.00		0.00% 20.00%			1.80% 0.00
100.00% 100.00% 0.00 100.00% 100.00% 0.00				75.00% 75.00% 85.00% 80.00%	80.00% 80.00% 0.00 80.00% 80.00% 80.00%	0.00 <u>https://github.com/Nerer/Euler-Tour-Tree</u>					19.65%	<b>17.45</b> 0.00 0.00 0.	0.00		.00% <b>-20.00%</b>			-1.20% 0.00
‡     100.00%     100.00%     0.00     100.00%     100.00%     0.00				78.00% 78.00% 80.00% 80.00%	80.00% 80.00% 0.00 80.00% 80.00% 80.00%	0.00 <u>https://github.com/Nerer/Euler-Tour-Tree</u>					19.84%	<b>17.62</b> 0.00 0.00 0.	0.00		.00% <b>-20.00%</b>			-1.20% 0.00
100.00% <b>0.00%</b> 0.00 100.00% 100.00% 0.00				<b>90.00% 95.00%</b> 80.00% 80.00%	85.00% 80.00% 0.00 80.00% 80.00% 80.00%	0.00 <u>https://github.com/Nerer/Euler-Tour-Tree</u>					19.45%	<b>17.28 1.00</b> 0.00 0.	0.00		.00% <b>-20.00%</b>			-0.20% 0.00
<b>0.00% 0.00%</b> 0.00 100.00% 100.00% 0.00				85.00% 82.00% 80.00% 80.00%	80.00% 80.00% 0.00 80.00% 80.00% 80.00%	0.00 <u>https://github.com/Nerer/Euler-Tour-Tree</u>					17.08%	<b>15.17</b> 0.00 0.00 0.	0.00		.00% <b>-20.00%</b>			-1.20% 0.00
	0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.	0.00% 0.00% 0.00% 0.00%	6 81.94% 81.18% 81.29% <u>81.06</u> %	81.18% 80.47% 83.82% 78.82% 84.71%	0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00% 0.00%	6 0.00% 0.00% 0.00% 0.00% (	0.00% 0.00% 0.00% 19.81%	17.60 35.29% 5.88% 14.	.71% 0.00% 0.00% 0.00%	0.00% 0.00% 0.00% 0.00%	4.71% 13.24% 0.00% 0.0	0% 0.00% 0.00% 76.67%	73.33% 68.75% 71.25% 80.	80.83% 80.83% 5.09% 0.00