Date: / /

● Command 1: [execuse file] -a [Alg] [given input] [output] 190: a exe - a radix-sort input, txt - both Console output: ALGORITHM MODE Algorithm: Input file: Input size: Running time (if required): Comparisons & (if required): a large = 6 @ Command 2: [exe file] [a) [Ald] [Input size] [Input order] [Output] 190: a exe - a selection-sort 50 - rand - time Console output: ALGORITHM MODE Algorithms Input size: Input order: [nt] [exe file] -a [Alq] [Input size] [Output] (Command 3; 190: a.exe -a binary-insertion-sort 7000 - comp Console output: ALGORITHM NODE Algorithm: Inputsize: 1 Input order: Randomize Turing to cho Running time (if required): 3 input orders V Comparisons (if required):

ome : 5			Date: / /
© Command 4:	[exe file] - c [Ak	1] [Ala 2]	Caiven input 7
9D: 0.	exe -c heap-sort	nerge - soyt	in pur. txt
Console output:		•	The control of the co
	COMPARE MODE		
	Algorithm: Sort 1	1 Sort 2	
	Input file:		
	Input size :		
	Running time: Sort	time 1 1 sq	t tim 2
	Composisons : 500	comp 1 1 50	of compa.
orge : C			
	: [exe file] [C] [Alg		
Console output:	-c quick-sort mer	ge sort 10000	2 -nsorted
wisse output.	COMPARE MODE		
	Algorithm: Oort 1	15042	
	Input size:		
	Input order:	11 46/6/3	
	Running time; Sor	t time 11 sa	t tim 2
	Comparisons: Sor	t comp 1 1 50	of comp 2.
	000, 30 000, 50 000,		
	- rand - nearted		VS
@ Given input	f 1st line : n		10
	land line: n		de baitdair cach
Writing files	- time - comp -		
	: viết mống đổ sap		1044 + 02
	ghi input dá tao >		
	Thi vais 88 4 inp		
	1.txt : landom ord		out_3.txt : sorted do
	_ l.txt : nearly sort		
1	st line: n > so' ptil nd line: n so', cool b	· · · · · · · · · · · · · · · · · · ·	STARBOOK
13	nd line: n so, cool b	di da cadh	

	1. Information page								
	a. Introduction page:								
	3. Algorithm presentation:								
	- Trình bay cac bước thực Rian thuất tron;								
	+ Ý tương								
	+ Mô ta' từng bước								
	- + Dank gia do phue tap								
	- Nhưng biến thể / coi tiến cuối thuất toán.								
	4. Experimental results and comments:								
	1 Trình bày thành 4 boing di Rieu, moi can đại diện 1 Dota order:								
						×			
	Data Order:								
1	Data size	100	00	500	000	→			
×4	Resulting statics	Running time	Comparisons						
	Sorting Alg 1								
	:_EJ	:							
	Sorting Alg 11		1						
	Too để thị trực quan về thời gian chay: [có 4 để thị đường]								
	+ True ngang: data size								
	+ True doc : running time (seconds)								
	- Moi đỏ thủ mô tá running time cuối coá 11 thuật toán.								
	- 4 do this ring was 4 input data: rand, sorted, - nsorted, rever								
			301						
	@ Pô thi cot i	to comp	onisons.						
	True ngang: Thuất toàn ưng với size data								
	+ True doc comparisons								
	Of Make comment dua tren dé this (nhanh/châm, it (nhiều), giai thiể Make an averall comment								
	5. Project organization and programing notes: giai thick ngain gon cach								
	to this sava cades., notes bot hi this over / CTDL do dung.								

1. main . cppi

- Xi l' than so dong link để xac định command

2. def - algorithms.cpp:

- Dinh nghia ham tinh time va companisons

3. def - Command . cpp:

- Dirth right car hain command xi li you crais

4. def. sup Funcs. cpp:

- Dinh nghà cac hàm bố trở bhaic con cho CT

5. library, h;

- file header cua project.

6. This muc input:

- chia cai input data cho project

7. The muc output:

- chia cai output file cua phán writing files

8. That muc releases:

- chia file this hi exe

9. File Readone!

- Mô tà sơ lược project.