

SUMMARY

USC ID/s:
5362968124
7069339929
6118411150

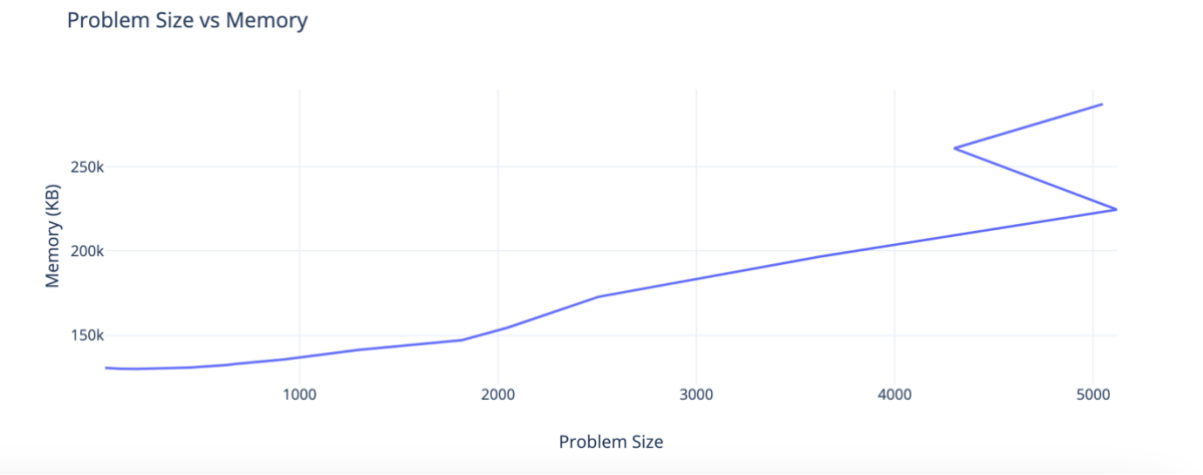
M+N	Time in MS (Basic)	Time in MS (Efficient)	Memory in KB (Basic)	Memory in KB (Efficient)
16	1.52		130596	
64	0.735		130008	
128	1.34		129944	
256	0.668		130796	
384	0.863		132328	
512	0.632		132896	
768	0.645		135548	
1024	0.934		141196	
1280	0.612		146972	
1536	0.759		154416	
2048	0.958		172748	
2560	1.43		196660	
3072	0.841		224512	
3584	0.781		260896	
3968	1.48		287216	

Datapoints

Insights

Graph1 – Memory vs Problem Size (M+N)

[Add Graph1 here]



Nature of the Graph (Logarithmic/ Linear/ Polynomial/ Exponential)

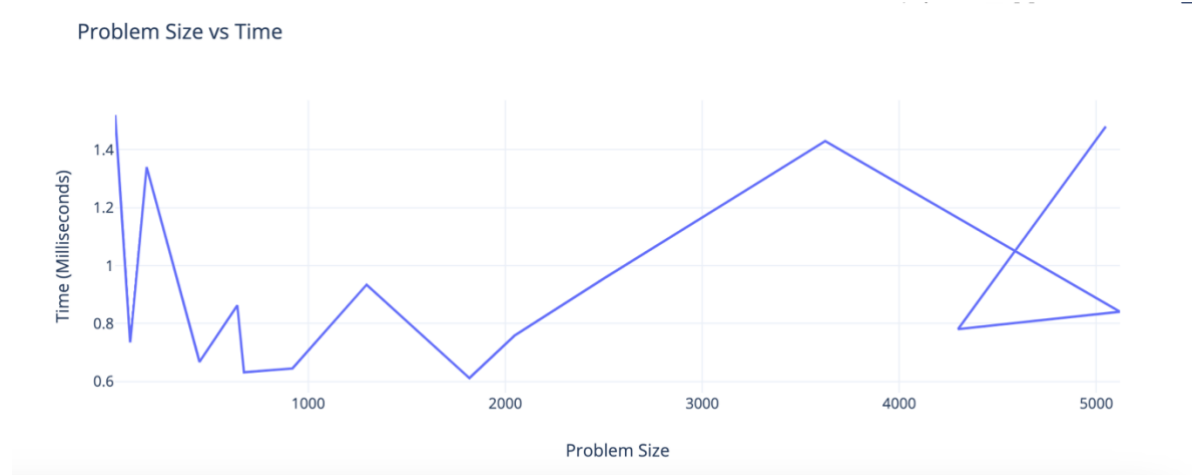
Basic:

Efficient:

Explanation:

Graph2 – Time vs Problem Size (M+N)

[Add Graph2 here]



Nature of the Graph (Logarithmic/ Linear/ Polynomial/ Exponential)

Basic:

Efficient:

Explanation:

Contribution

(Please mention what each member did if you think everyone in the group does not have an equal contribution, otherwise, write "Equal Contribution")

<USC ID/s>: <Equal Contribution>