

Updates

Almost the weekend! You may notice some changes in the leaderboard - have a look, maybe find some fresh inspiration.

Good luck!

Welcome to the University of St Andrews MATLAB Contest Site!

Showcase your coding skills, develop and share solutions, and give science a hand at the same time. Inspired by the MATLAB Programming Contests, which gave you the chance to have a go at problems ranging from gene sequencing to surveying planets, our contest will have you competing with programmers from all over the world.

How does it work?

Contestants submit MATLAB programs that try to solve a problem published on our website. Our server automatically tests each entry for correctness and efficiency. Updated listings show all submitted entries so far, along with their scores. During the contest, contestants build on the work of other contestants, trying to outdo each other.

Leaderboard

Contest: [Chain game \(http://cumuluscontest.org/current-contest/cumulus-challenge\)](http://cumuluscontest.org/current-contest/cumulus-challenge)

[Submit an entry](#)

0d 4h 32m [?](#)

Top entries

Showing 1 to 100 of 100 entries

Search:

Score	Result	Time (ms)	Date	Name	User
79196	79071	47.55	Sun 19/02, 16:35	SWBFBS window 11	FlyingVictory
79410	79256	48.97	Sun 19/02, 16:10	SWBFBS + lowest penalty reali...	drw25
79797	79792	26.38	Sun 19/02, 16:02	SWBFBS + lowest penalty with ...	drw25
79815	79792	36.48	Sun 19/02, 15:47	SWBFBS + lowest penalty with ...	drw25
79831	79792	39.87	Sun 19/02, 15:17	SWBFBS + lowest penalty with ...	drw25
79893	79792	46.16	Sat 18/02, 14:48	CheesePlease	razapor
79925	79895	38.11	Sun 19/02, 11:44	CheesePlease_LessPivots	FlyingVictory
79970	79792	49.9	Fri 17/02, 22:28	SWBFBS + lowest penalty with ...	drw25
80040	80005	39.15	Fri 17/02, 22:00	SWBFBS + lowest penalty searc...	drw25
80073	79937	48.14	Fri 17/02, 22:04	SWBFBS + lowest penalty with ...	drw25
80678	80582	45.8	Fri 17/02, 17:55	SWBFBS + lowest penalty searc...	drw25
81113	81104	30.58	Fri 17/02, 17:43	SWBFBS + lowest penalty search	drw25
82445	82435	31.32	Fri 17/02, 16:19	SWBFBS+S bugfix	drw25
82582	82563	35.08	Fri 17/02, 15:39	Simple wrapping - brute force...	drw25
82760	82689	43.81	Fri 17/02, 07:37	SS8GEv03	razapor
82771	82674	45.87	Fri 17/02, 15:33	SS8GEv4	bjorn
83186	83176	30.77	Thu 16/02, 05:06	It is the courage to continue	Survion
83394	83390	26.03	Fri 17/02, 07:23	SS8GEv02	razapor
83723	83723	6.19	Fri 17/02, 14:25	Simple wrapping - brute force...	drw25
83723	83723	11.68	Fri 17/02, 14:28	Simple wrapping - brute force...	drw25
84142	84142	1.85	Thu 16/02, 02:39	SS8G	razapor
84150	84150	2.7	Thu 16/02, 02:04	SS8u	razapor
84150	84150	4.1	Wed 15/02, 14:50	shiftySpiral8	bjorn
84264	84264	3.22	Tue 14/02, 10:37	Simple wrapping - brute force...	drw25
84540	84540	2.03	Tue 14/02, 23:32	Simple wrapping - brute force...	tcooke

84830	84830	1.51	Wed 15/02, 12:12	shiftySpiral4	nathanquinlan
84955	84955	1.32	Tue 14/02, 23:54	Simple wrapping - est optimal...	drw25
84972	84972	4.32	Wed 15/02, 10:00	Spiral6	bjorn
84997	84997	1.16	Tue 14/02, 10:57	Simple wrapping - estimate op...	drw25
85110	85110	1.1	Tue 14/02, 01:29	Simple wrapping - brute force...	drw25
85121	85121	1.67	Wed 15/02, 14:53	shiftySpiral9	bjorn
85197	85197	0.93	Tue 14/02, 23:51	Swrapping - estpivots - param...	drw25
85233	85233	1.06	Tue 14/02, 23:43	Simple wrapping - estimate op...	tcooke
85352	85352	2.51	Wed 15/02, 10:10	Spiral7	bjorn
85495	85495	0.67	Wed 15/02, 14:59	SS6u	razapor
85495	85495	0.91	Wed 15/02, 12:13	shiftySpiral6	nathanquinlan
85511	85511	0.97	Wed 15/02, 12:35	shiftySpiralsss4	nathanquinlan
85596	85596	1.21	Wed 15/02, 12:11	shiftySpiral3	nathanquinlan
85693	85693	0.97	Wed 15/02, 13:07	shiftySpiral7	nathanquinlan
85788	85788	1.1	Wed 15/02, 12:12	shiftySpiral5	nathanquinlan
85804	85804	1.1	Wed 15/02, 12:35	shiftySpiralsss5	nathanquinlan
85819	85819	2.53	Wed 15/02, 09:47	Spiral5	bjorn
85819	85819	2.67	Wed 15/02, 09:37	Spiral4	bjorn
85819	85819	3.95	Wed 15/02, 09:28	Spiral3	bjorn
85825	85819	27.86	Thu 16/02, 01:13	Failure is not fatal	Survion
85874	85874	0.87	Wed 15/02, 14:56	shiftySpiral10	bjorn
85879	85879	0.77	Wed 15/02, 15:11	SS6u02	razapor
86031	86031	1.4	Wed 15/02, 12:16	Spiral11	bjorn
86061	86061	0.95	Wed 15/02, 12:14	shiftySpiral6	nathanquinlan
86063	86022	40.2	Sat 18/02, 08:02	First test -- chain in a box5	mvatsug
86077	86077	0.9	Wed 15/02, 12:35	shiftySpiralsss5	nathanquinlan
86163	86163	0.99	Thu 16/02, 06:07	bguchain1	amitmil
86442	86442	2.07	Mon 13/02, 18:54	Simple wrapping - brute force...	drw25
86508	86508	1.03	Wed 15/02, 10:24	Spiral8	bjorn
86610	86610	3.7	Wed 15/02, 12:38	bguspiral	amitmil
86705	86705	0.61	Wed 15/02, 13:28	bguspiral5	amitmil
86705	86705	0.69	Wed 15/02, 12:54	bguspiral4	amitmil
86705	86705	0.83	Wed 15/02, 12:49	bguspiral3	amitmil
86705	86705	1.79	Wed 15/02, 12:45	bguspiral2	amitmil
87061	87061	1.06	Wed 15/02, 12:20	Spiral12	bjorn
87353	87353	0.45	Tue 14/02, 06:12	Spiral wrapping v0.3	tcooke
87641	87641	0.4	Tue 14/02, 02:48	Spiral wrapping v0.2	tcooke
87641	87641	0.44	Wed 15/02, 14:58	SpiralFRGN_t1	nathanquinlan
87641	87641	0.47	Wed 15/02, 01:51	SpiralFRGN	razapor
87665	87665	0.39	Wed 15/02, 14:52	SpiralFRGN_t	razapor
87665	87665	0.45	Wed 15/02, 01:55	SpiralFRGNv02	razapor
87684	87684	0.44	Wed 15/02, 02:11	SpiralFRGNv03	razapor
87684	87684	0.65	Wed 15/02, 02:15	SpiralFRGNv04	razapor
87693	87693	2	Mon 13/02, 15:15	Simple wrapping - brute force...	drw25
88247	88247	0.6	Wed 15/02, 11:37	Spiral9	bjorn
88305	88305	0.88	Wed 15/02, 11:49	Spiral10	bjorn

88468	88468	0.31	Tue 14/02, 22:53	moreTroidser2	nathanquinlan
88468	88468	0.32	Tue 14/02, 22:50	moreTroidser1	nathanquinlan
88468	88468	0.32	Tue 14/02, 11:04	moreTroidser	nathanquinlan
88468	88468	0.41	Tue 14/02, 23:46	patterns	nathanquinlan
88488	88488	1.22	Tue 14/02, 05:40	Success is not final	Survion
88497	88497	0.31	Tue 14/02, 09:47	righterFasterTroids	nathanquinlan
88497	88497	0.32	Tue 14/02, 20:11	SpiralFRNc	razapor
88497	88497	0.34	Tue 14/02, 09:34	troids	nathanquinlan
88497	88497	0.37	Tue 14/02, 15:09	SpiralFRShN	razapor
88587	88587	0.37	Tue 14/02, 00:41	Spiral wrapping v0.1b	tcooke
88900	88900	0.34	Tue 14/02, 14:40	SpiralFRShv01	razapor
89179	89179	1.83	Wed 15/02, 21:55	baseline spiral with 4 cost c...	moBox
89452	89452	0.38	Tue 14/02, 14:52	SpiralFRSh1	razapor
89503	89503	0.91	Wed 15/02, 12:27	shiftySpiralsss1	nathanquinlan
89613	89613	1.15	Wed 15/02, 12:28	shiftySpiralsss3	nathanquinlan
90052	90052	0.63	Wed 15/02, 14:25	bguspiral6	amitmil
90069	90069	0.93	Wed 15/02, 12:28	shiftySpiralsss2	nathanquinlan
91268	91268	0.33	Tue 14/02, 02:43	SpiralFRv03	razapor
91268	91268	0.49	Mon 13/02, 21:22	SpiralFR	razapor
91268	91268	0.54	Mon 13/02, 22:11	SpiralFRv02	razapor
91268	91268	0.58	Tue 14/02, 07:32	Spiral2	bjorn
91476	91476	0.33	Tue 14/02, 09:42	slightlyFasterTroids?	nathanquinlan
91892	91892	1.23	Wed 15/02, 00:48	quick and dirty 1st fold	moBox
93855	93855	3.48	Wed 15/02, 16:35	Recursive Folding3	eugenz85
95160	95160	3.38	Wed 15/02, 16:36	Recursive Folding4	eugenz85
95278	95278	1.41	Thu 16/02, 23:43	First test -- chain in a box4	mvatsug
95392	95392	0.74	Tue 14/02, 14:27	fixed-symmetric+spiral2	bogotm
95580	95580	0.58	Tue 14/02, 13:32	fixed-symmetric+spiral1	bogotm
97040	97040	0.51	Mon 13/02, 14:58	Simple wrapping	drw25

Show 100 ▼ entries

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Latest entries

Showing 1 to 10 of 100 entries

Search:

Score	Result	Time (ms)	Date	Name	User
104044	104044	0.66	Mon 20/02, 00:00	Sultan	razapor
104044	104044	0.64	Mon 20/02, 00:00	Milgram	razapor
104044	104044	0.47	Mon 20/02, 00:00	RatinMaze	razapor
79196	79071	47.55	Sun 19/02, 16:35	SWBFBS window 11	FlyingVictory
79410	79256	48.97	Sun 19/02, 16:10	SWBFBS + lowest penalty reali...	drw25
79797	79792	26.38	Sun 19/02, 16:02	SWBFBS + lowest penalty with ...	drw25
79815	79792	36.48	Sun 19/02, 15:47	SWBFBS + lowest penalty with ...	drw25
79831	79792	39.87	Sun 19/02, 15:17	SWBFBS + lowest penalty with ...	drw25
79925	79895	38.11	Sun 19/02, 11:44	CheesePlease_LessPivots	FlyingVictory
101794	101794	0.31	Sun 19/02, 11:12	JJB: MilkyMinimize1 #15	userjib

Show 10 ▼ entries

Your most recent entries

Showing 1 to 57 of 57 entries

Search:

Score	Result	Time (ms)	Date	Name	Status	Message
101794	101794	0.31	Sun 19/02, 11:12	JJB: MilkyMinimize1 #15	Passed	
103949	103949	0.26	Sun 19/02, 09:15	JJB: MilkyMax1 #14	Passed	
0	0	0	Sun 19/02, 08:43	JJB: MilkyMax1 #13	Failed	Index exceeds matrix dimensions.
0	0	0	Sun 19/02, 08:16	JJB: MilkyMax1 #12	Failed	The indices do not appear in the correct amounts
106541	106541	0.31	Sun 19/02, 06:15	JJB: Milky Way15 #11	Passed	
106541	106541	0.3	Sun 19/02, 01:41	JJB: TEST, Max c201 length T39	Passed	
106541	106541	0.26	Sun 19/02, 01:36	JJB: TEST, Max c202 length T38	Passed	
106541	106541	0.27	Sun 19/02, 01:36	JJB: TEST, Min c39 length T34	Passed	
106541	106541	0.26	Sun 19/02, 01:32	JJB: TEST, Min c37 length T33	Passed	
106541	106541	0.3	Sun 19/02, 01:31	JJB: TEST, Max c205 length T37	Passed	
106541	106541	0.25	Sun 19/02, 01:14	JJB: TEST, Max c210 length T36	Passed	
106541	106541	0.26	Sun 19/02, 01:00	JJB: TEST, Max c220 length T35	Passed	
106541	106541	0.24	Sun 19/02, 00:58	JJB: TEST, Max c250 length T34	Passed	
0	0	0	Sun 19/02, 00:47	JJB: TEST, Max c200 length T33	Failed	Subscript indices must either be real positive integers or logicals.
106541	106541	0.32	Sun 19/02, 00:26	JJB: TEST, Min c35 length T32	Passed	
0	0	0	Sun 19/02, 00:10	JJB: TEST, Min c40 length T31	Failed	Subscript indices must either be real positive integers or logicals.
106541	106541	0.31	Sat 18/02, 23:43	JJB: TEST, Min c30 length T30	Passed	
0	0	0	Sat 18/02, 23:42	JJB: TEST, Min c50 length T29	Failed	Subscript indices must either be real positive integers or logicals.
106541	106541	0.3	Sat 18/02, 23:40	JJB: TEST, Min c length T28	Passed	
0	0	0	Fri 17/02, 22:15	JJB: Milky Way #7 REPEAT	Failed	Subscript indices must either be real positive integers or logicals.
106541	106541	0.28	Fri 17/02, 22:11	JJB: Milky Way31 #10	Passed	
106541	106541	0.26	Fri 17/02, 22:09	JJB: Milky Way41 #9	Passed	
106541	106541	0.32	Fri 17/02, 21:48	JJB: Milky Way #8	Passed	
0	0	0	Fri 17/02, 21:36	JJB: Milky Way #7	Failed	Subscript indices must either be real positive integers or logicals.
0	0	0	Fri 17/02, 18:59	JJB: Milky Way #6	Failed	Subscript indices must either be real positive integers or logicals.
0	0	0	Fri 17/02, 18:38	JJB: Milky Way #5	Failed	Subscript indices must either be real positive integers or logicals.
0	0	0	Fri 17/02, 18:34	JJB: Milky Way #4	Failed	Subscript indices must either be real positive integers or logicals.
0	0	0	Fri 17/02, 09:46	JJB: Milky Way #3	Failed	Index exceeds matrix dimensions.
181894	181894	6.52	Fri 17/02, 06:55	JJB: TEST, RelWeightBot50 T27	Passed	
0	0	0	Fri 17/02, 06:48	JJB: TEST, RelWeightBot50 T26	Failed	Request.Timeout
0	0	0	Fri 17/02, 06:40	JJB: TEST, RelWeightBot50 T25	Failed	Request.Timeout
0	0	0	Fri 17/02, 06:37	JJB: TEST, RelWeightBot50 T24	Failed	The submission has syntax errors. Please correct them and re-submit.
0	0	0	Fri 17/02, 06:31	JJB: TEST, RelWeightBot50 T23	Failed	The submission has syntax errors. Please correct them and re-submit.
181895	181894	16.38	Fri 17/02, 06:19	JJB: TEST, RelWeightSum10k T22	Passed	
0	0	0	Fri 17/02, 06:17	JJB: TEST, RelWeightSum10k T21	Failed	The submission has syntax errors. Please correct them and re-submit.
181903	181894	30.61	Fri 17/02, 05:29	JJB: TEST, RelWeightMean200 T20	Passed	
181894	181894	7.97	Fri 17/02, 05:22	JJB: TEST, RelWeightMean1 T19	Passed	
181894	181894	0.4	Fri 17/02, 05:10	JJB: TEST, RelWeightMean1 T18	Passed	
0	0	0	Fri 17/02, 05:07	JJB: TEST, RelWeight1 T17	Failed	Request.Timeout

0	0	0	Fri 17/02, 05:04	JJB: TEST, RelWeight10 T16	Failed	Request.Timeout
0	0	0	Fri 17/02, 04:56	JJB: TEST, RelWeight50 T15	Failed	Request.Timeout
181910	181894	34.03	Fri 17/02, 04:46	JJB: TEST, n SizeSDev30 T14	Passed	
181962	181894	43.53	Fri 17/02, 04:40	JJB: TEST, n Size c20 T13	Passed	
181895	181894	18.38	Fri 17/02, 04:34	JJB: TEST, Chain Size cStdDev...	Passed	
0	0	0	Fri 17/02, 04:29	JJB: TEST, Chain Size cStdDev...	Failed	Request.Timeout
181894	181894	11.94	Fri 17/02, 04:11	JJB: TEST, Chain Size c^2.10....	Passed	
182070	181894	49.85	Fri 17/02, 03:48	JJB: TEST, Chain Size c10 T9	Passed	
0	0	0	Fri 17/02, 03:43	JJB: TEST, Chain Size c20 T8	Failed	Request.Timeout
182079	181894	50.16	Fri 17/02, 02:37	JJB#T7 - TEST, Time Scoring 1...	Failed	Exceeded allowed execution time
0	0	0	Fri 17/02, 02:35	JJB#T6 - TEST, Time Scoring 1...	Failed	Request.Timeout
181956	181894	42.88	Fri 17/02, 02:31	JJB#T5 - TEST, Time Scoring 1...	Passed	
0	0	0	Fri 17/02, 02:23	JJB#T4 - TEST, Time Scoring 1...	Failed	Request.Timeout
181894	181894	4.56	Fri 17/02, 02:06	JJB#T3 - TEST, Time Scoring 1...	Passed	
181894	181894	0.74	Fri 17/02, 01:57	JJB#T2 - TEST, Time Scoring 1...	Passed	
0	0	0	Fri 17/02, 01:44	JJB#T1 - TEST, Time Scoring10...	Failed	Request.Timeout
181894	181894	0.3	Thu 16/02, 23:22	JJB#2 - Naive first test func...	Passed	
0	0	0	Thu 16/02, 23:16	024402330519	Failed	The board contains values other than 0..chainLen

Prepare your entry

Your entries submitted this hour: 0 out of a maximum of 100.

Total contestant entries awaiting evaluation: 0

Title:

Name your entry. (48-character limit)

Entry:

Submit entry