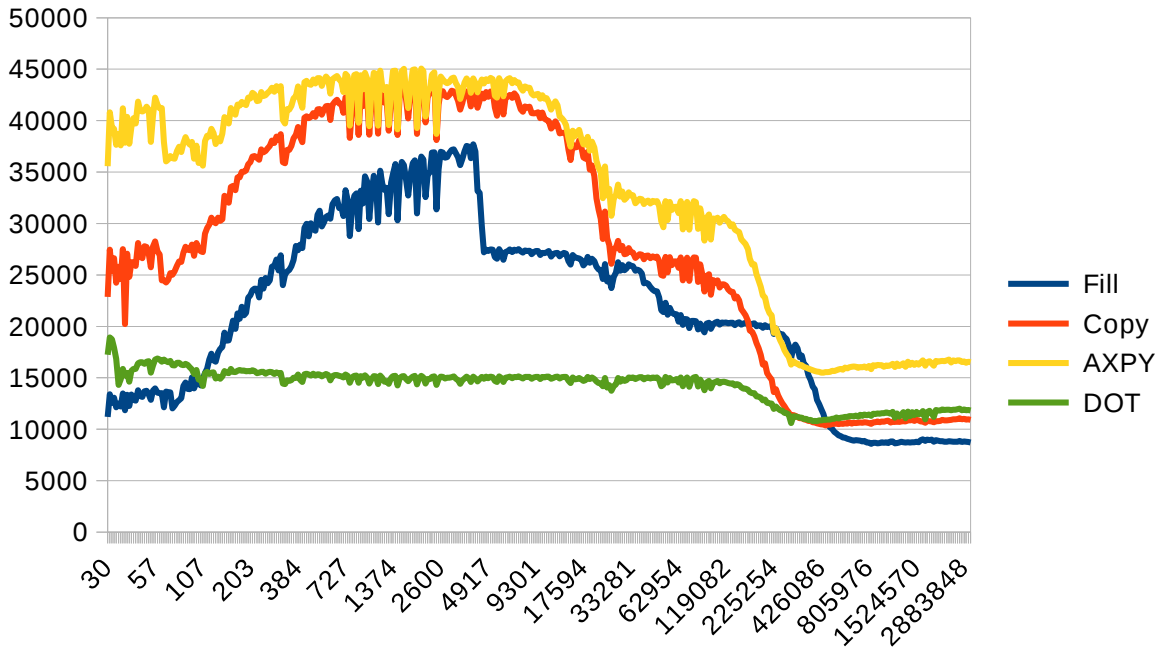
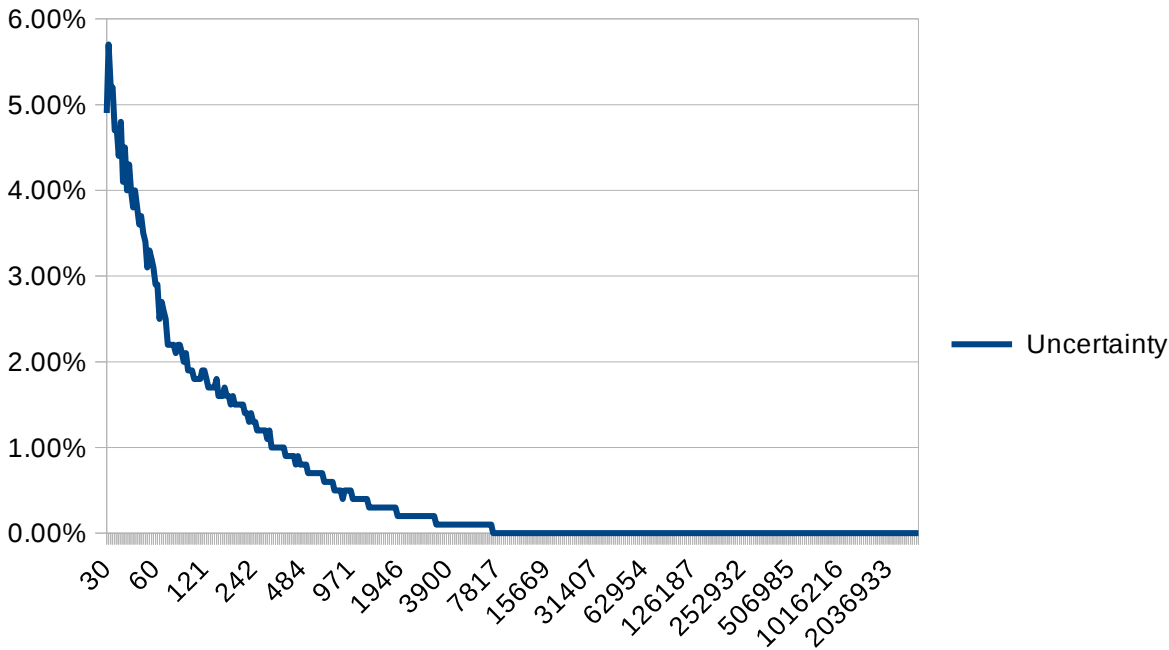


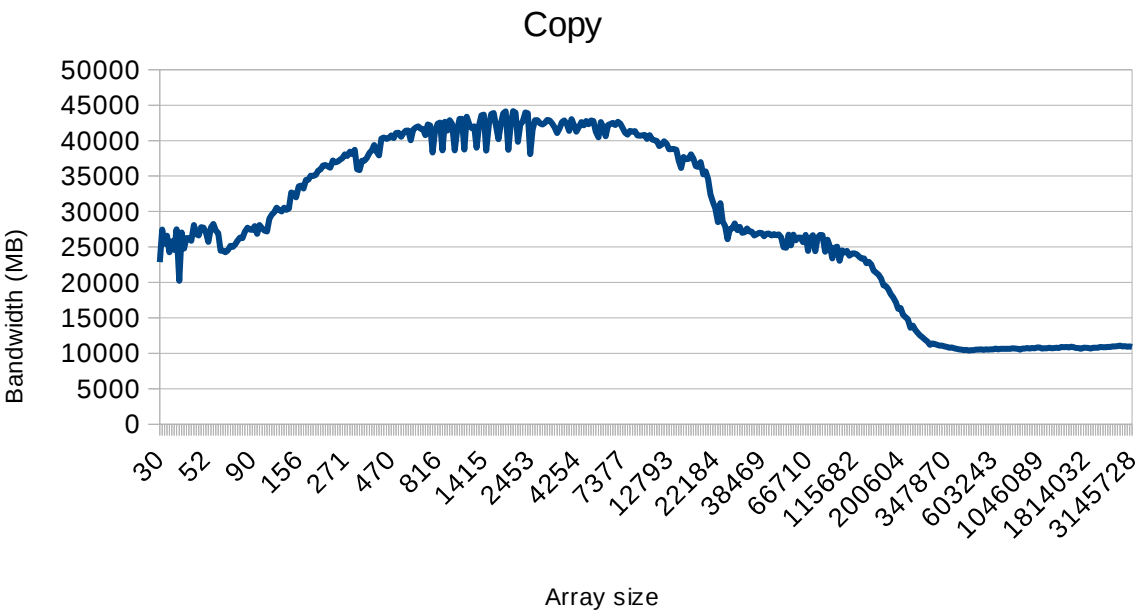
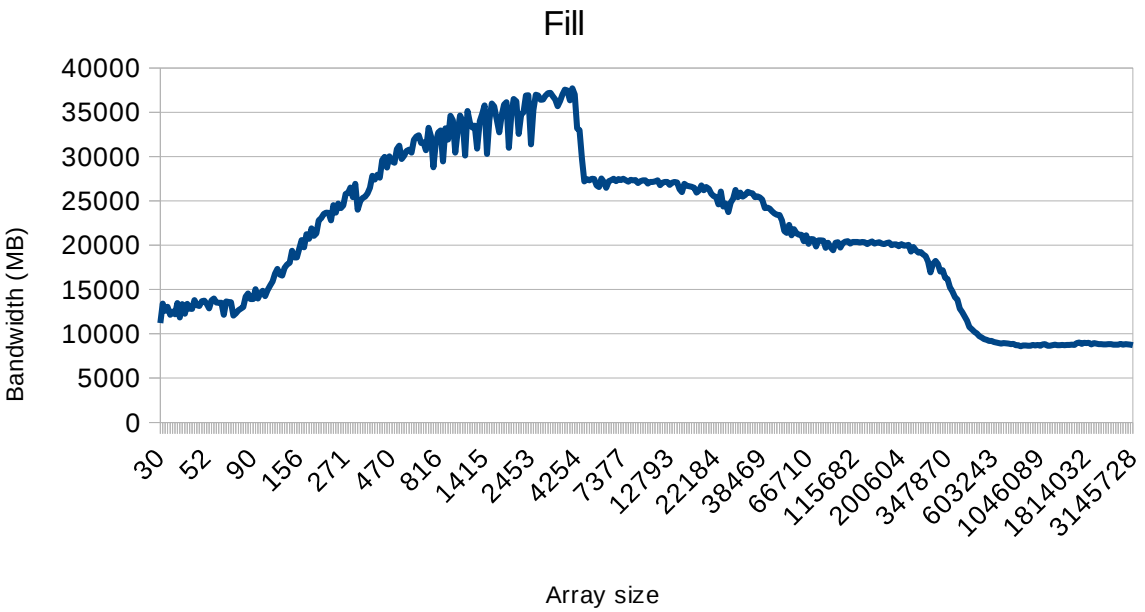
Size	Fill	Copy	AXPY	DOT	Uncertainty
30	11200.171341	22875.199049	35588.731699	17223.554808	4.90%
31	13399.613344	27452.421504	40814.950707	18935.672573	5.70%
32	12583.299872	25444.153677	39342.590342	18742.46165	5.20%
33	13065.929705	26612.129245	39196.383938	17912.369293	5.20%
34	12137.729548	24248.373669	37651.653595	16847.399367	4.70%
35	12502.43265	25793.874857	38722.031289	14306.364855	4.70%
36	12210.285985	24590.45549	37581.744831	14865.187118	4.40%
37	13480.145831	27510.758859	41210.909429	15861.85383	4.80%
38	11842.635587	20220.416224	37865.369188	15214.003669	4.10%
39	13340.880634	27060.655612	40366.439603	15479.530383	4.50%
40	12261.660226	24799.408918	37749.077247	14619.343766	4.00%
41	13374.243127	26248.849239	39383.86668	15694.452105	4.30%
42	12849.265969	26236.805054	40234.358287	15880.211224	4.00%
44	12791.952387	25873.93556	39717.526176	15863.120106	3.80%
45	13796.150027	28096.559599	41848.696854	16419.16605	4.00%
46	13228.401818	26813.440261	40976.39617	16524.329811	3.80%
48	13145.938995	26638.077794	40882.285602	16505.586527	3.60%
49	13680.648286	27786.425213	40994.36206	16369.762401	3.70%
51	13737.216439	27727.558245	41353.99964	16564.881307	3.50%
52	13384.19408	27062.643915	41062.107308	16609.455241	3.40%
54	12859.560964	25740.198368	37927.617259	15497.350987	3.10%
55	13771.220725	27774.049045	40483.519728	16191.984927	3.30%
57	13973.366364	28265.775298	42238.69216	16777.929486	3.20%
58	13542.1656	27287.495119	41543.242416	16869.690638	3.10%
60	13489.426699	26986.329174	41210.917827	16775.173551	2.90%
62	13513.696776	24481.646636	41241.585746	16551.501808	2.90%
64	12138.968489	24493.891647	37907.478743	16761.995686	2.50%
66	13654.486594	24264.918946	36044.020558	16602.410056	2.70%
68	13601.376148	24535.140965	36226.054982	16510.765936	2.60%
70	13571.533447	25164.451358	36562.844633	16648.950726	2.50%
72	12042.320868	25010.494839	36349.091321	16228.078267	2.20%
74	12300.5014	25368.217932	36305.410426	16208.823974	2.20%
76	12643.028998	25911.697594	37066.153608	16450.843704	2.20%
78	12831.751078	26315.118034	37467.66369	16454.460155	2.20%
80	13022.463674	26271.667493	36934.619175	16279.239967	2.10%
83	14194.532414	27162.113432	37795.358397	16225.232336	2.20%
85	14554.905613	27743.204735	38390.062243	16358.00634	2.20%
88	13917.564107	27457.535239	37922.534777	16245.995407	2.10%
90	13906.528904	27405.221778	37685.706871	16035.613737	2.00%
93	15034.772211	27957.483607	37924.427066	15823.289235	2.10%
96	13984.981167	26866.746763	36286.884106	15382.811849	1.90%
98	14559.848906	28099.191405	37579.854344	15762.999372	1.90%
101	14847.298595	27592.657883	35876.088614	14837.334144	1.90%
104	14269.261004	27304.284142	36284.719083	14897.686879	1.80%
107	14911.889215	27212.425535	35612.460318	14195.735583	1.80%
110	15466.783465	29013.908237	38008.821992	15454.41776	1.80%
114	15893.803536	29554.086728	38518.812551	15594.092722	1.80%
117	16772.791599	29890.593288	38452.748658	15375.066429	1.90%
121	17329.440089	30554.616614	39199.62737	15496.660696	1.90%
124	16682.863959	30199.412464	38788.7822	15518.91899	1.80%
128	16571.037968	30009.552416	37725.172912	14917.163221	1.70%
131	17450.350262	30559.665458	38277.344711	15100.200578	1.70%

output



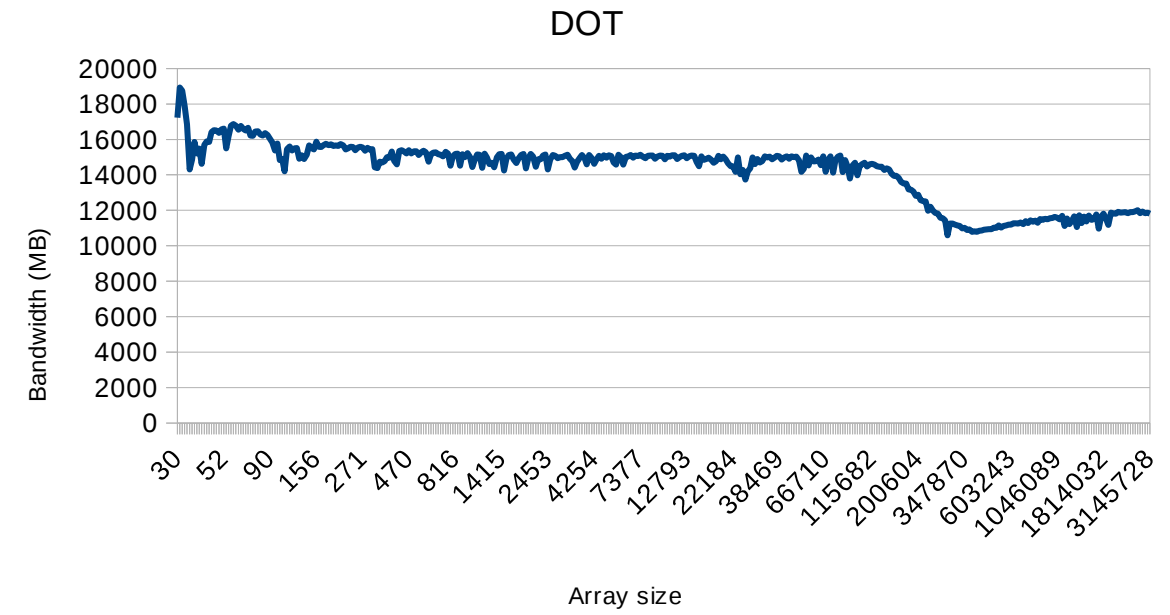
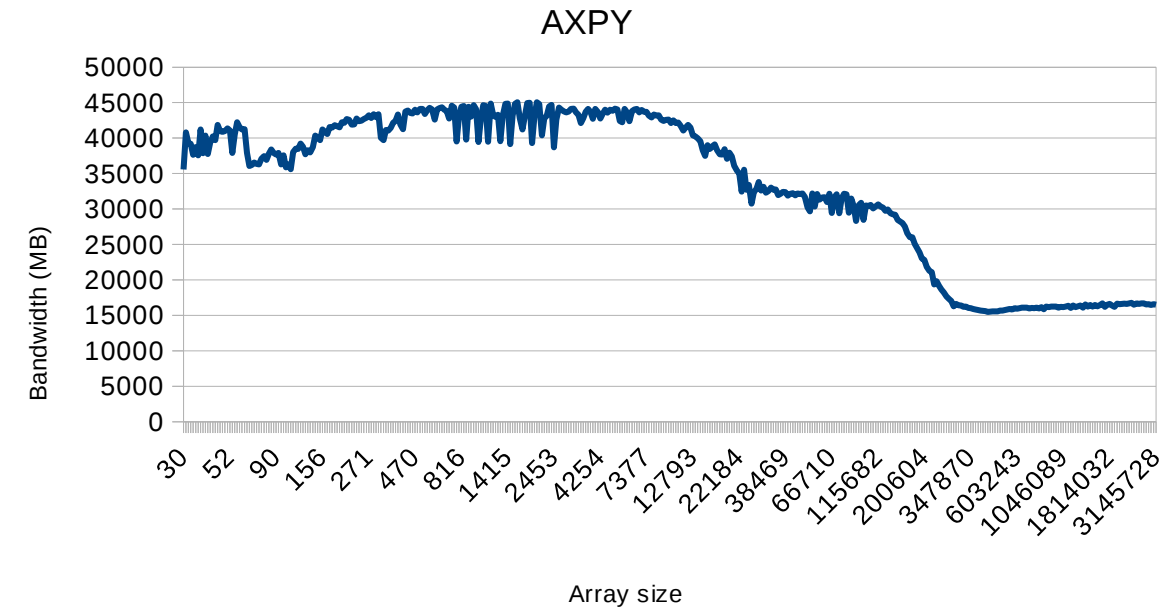
135	17816.561206	30260.325127	37979.842762	14900.556083	1.70%
139	18005.104614	30413.963076	38723.547731	15141.016721	1.70%
143	19381.154236	32693.38787	40329.781432	15654.990132	1.80%
148	18612.890668	32525.101658	40072.829063	15507.842862	1.60%
152	18630.676678	32015.263989	39727.653928	15444.489155	1.60%
156	19598.74035	33559.952674	41233.552286	15877.490455	1.60%
161	20561.153697	33651.733001	40873.684612	15589.693226	1.70%
166	19757.077634	33252.553678	40570.070878	15565.146797	1.60%
171	21245.906349	34473.915481	41557.41086	15677.406838	1.60%
176	20724.876382	34490.590801	41468.478409	15755.831944	1.50%
181	21913.953932	35045.238041	41827.033398	15687.451607	1.60%
186	21062.540882	35018.450075	41651.879211	15718.141735	1.50%
192	21311.185613	35160.369669	41526.842567	15639.334631	1.50%
197	22794.48688	35756.061354	42227.686045	15656.713934	1.50%
203	23028.779378	35976.241324	42161.14776	15638.691092	1.50%
209	23514.753609	36497.419662	42693.205485	15746.472487	1.50%
215	23673.074282	36543.244029	42556.267928	15659.42066	1.40%
221	23654.055055	36384.454576	41901.176314	15443.203966	1.40%
228	22815.902729	36189.067985	41937.894926	15499.372922	1.30%
235	24521.937917	37212.841274	42773.509397	15587.641162	1.40%
242	23674.967362	36920.172789	42391.44922	15572.758183	1.30%
249	24694.434065	37054.71955	42469.80832	15396.62398	1.30%
256	24185.079221	37316.499031	42695.889631	15538.457418	1.20%
264	24480.92092	37542.282512	42880.740478	15583.156318	1.20%
271	25788.007047	38065.763197	43190.78332	15551.223688	1.20%
279	25894.852913	37828.937683	42820.942249	15365.883491	1.20%
287	26503.010379	38450.041215	43361.237829	15527.549414	1.20%
296	25426.49212	38121.026152	42936.67545	15430.891128	1.10%
305	26913.160544	38689.606109	43361.433133	15459.884712	1.20%
314	24002.731103	35966.760255	40069.6876	14430.508408	1.00%
323	25010.197997	35865.771936	39715.788187	14381.738541	1.00%
332	25322.303167	37164.299639	41133.517009	14753.231595	1.00%
342	25484.776666	37157.301464	41081.50331	14694.507657	1.00%
352	25854.501427	37543.7104	41443.430657	14779.026215	1.00%
362	26455.662502	38267.516956	42167.30961	15005.789249	1.00%
373	27821.327623	38634.145628	42401.511474	14973.255771	1.00%
384	27412.59255	39374.843962	43332.701197	15309.32281	0.90%
395	27942.268376	38431.928548	41939.06571	14791.150051	0.90%
407	27620.49582	37900.229829	41260.276388	14597.306865	0.90%
419	29595.581647	40291.545957	43732.147515	15354.390694	0.90%
431	29964.844595	40420.51907	43881.972106	15388.411354	0.90%
444	28753.678791	40253.169004	43552.953739	15313.086641	0.80%
457	30012.185722	40371.317265	43485.111875	15206.171105	0.90%
470	29446.95224	40723.645454	43997.70065	15388.890992	0.80%
484	29302.196457	40360.071025	43611.005473	15218.455595	0.80%
499	30836.875521	41095.20848	44130.120392	15337.865889	0.80%
513	31238.344974	41127.310826	44132.857929	15329.292681	0.80%
528	29716.448561	40570.730212	43387.767472	15122.266978	0.70%
544	30093.367014	41078.561967	43919.330686	15277.154677	0.70%
560	30636.299923	41412.248796	44276.537077	15357.180484	0.70%
576	30772.471647	41433.153844	44029.844534	15276.557504	0.70%
593	30449.512263	40055.987353	42617.785947	14736.658553	0.70%
611	31872.452742	41542.497452	44030.203432	15162.941268	0.70%

output



629	32247.169718	41841.284527	44212.559645	15259.362933	0.70%
647	32384.590842	42023.916528	44337.672838	15271.938591	0.70%
666	31516.34735	41676.291049	43991.176713	15174.653699	0.60%
686	31605.487954	41644.354468	43822.412915	15145.253471	0.60%
706	30714.186889	40762.056139	42770.869757	15047.597057	0.60%
727	33235.2847	42270.563278	44547.002707	15306.632699	0.60%
748	32274.389981	42126.71903	44303.771811	15190.94124	0.60%
770	28781.32831	38325.821719	39509.737566	14522.992912	0.50%
792	31562.881552	41305.657356	43054.311567	15052.024072	0.50%
816	32703.117103	42395.728722	44431.294521	15187.282083	0.50%
840	32931.387601	42536.763287	44518.926639	15203.974677	0.50%
864	29446.44677	38617.027985	39788.212819	14523.571097	0.40%
890	33183.120188	42646.113874	44421.893892	15166.825278	0.50%
916	31933.283678	41405.377599	43032.176828	15000.395028	0.50%
943	34584.02185	42870.764411	44634.218952	15232.242023	0.50%
971	34081.84833	42357.061793	44076.588396	15019.258492	0.50%
999	30435.451766	38634.798953	39458.793573	14447.438721	0.40%
1029	32809.401358	41504.237624	42759.027529	14853.48464	0.40%
1059	34632.523024	43074.752608	44649.590744	15153.942434	0.40%
1090	33963.058929	43067.879321	44530.755856	15137.365169	0.40%
1122	30101.421333	38737.55274	39502.124974	14397.591415	0.40%
1155	35139.102508	43365.922546	44871.900486	15204.32891	0.40%
1189	33830.770647	42251.660019	43292.053957	14972.658906	0.40%
1224	33277.426112	41743.483163	42970.84584	14612.7001	0.40%
1260	33470.008417	42005.658152	43265.981387	14677.175688	0.30%
1297	30905.087821	39011.984154	39559.996355	14423.216258	0.30%
1335	34006.628883	42144.845591	43139.018963	14983.047371	0.30%
1374	34816.131384	43573.348272	44842.824426	15165.433688	0.30%
1415	35770.719809	43684.080486	44858.899936	15178.490376	0.30%
1456	30295.585435	38591.106415	39143.140498	14253.585637	0.30%
1499	34188.527178	42281.91892	43179.416307	14927.979058	0.30%
1543	35977.651069	43742.640712	44807.366149	15122.01741	0.30%
1588	35663.415752	43903.950093	45040.626271	15152.027468	0.30%
1635	34258.333796	42039.858573	42790.920675	14871.718497	0.30%
1683	32722.847994	40210.527108	41225.427331	14670.294291	0.30%
1733	34641.170296	42388.00255	43101.726632	14943.700583	0.30%
1784	35861.555475	43874.393311	44932.548299	15121.254289	0.30%
1836	36131.194843	44110.885019	44991.203123	15178.877211	0.30%
1890	30978.79991	38721.842659	39293.940295	14366.746818	0.20%
1946	34675.095046	42362.774506	43132.604312	14947.494221	0.20%
2003	36510.633986	44157.945236	45070.528862	15184.401809	0.20%
2062	36212.150614	43929.566963	44797.7277	15030.899819	0.20%
2122	32561.945065	39826.907615	40395.479809	14453.593091	0.20%
2185	34750.773807	42303.020043	42827.319955	14875.941442	0.20%
2249	34997.471591	42695.339247	43132.5601	14886.475013	0.20%
2315	36889.165431	43980.466902	44461.739878	15090.468682	0.20%
2383	36921.829254	43845.623813	44698.854184	15147.210927	0.20%
2453	31384.210373	38115.300162	38708.863133	14308.2669	0.20%
2525	35252.624139	41562.132542	42597.263162	14871.322062	0.20%
2600	36976.873525	42872.57319	44291.637223	15117.661932	0.20%
2676	36877.689565	42868.557856	43999.677748	15078.273742	0.20%
2755	36406.54079	42422.158041	43766.365003	14937.566111	0.20%
2836	36443.839018	42291.743698	43641.568017	15002.88162	0.20%

output



output

2919	36849.64205	42489.872059	43744.193528	15004.405789	0.20%
3005	37160.219357	42907.735088	44107.628415	15069.830855	0.20%
3093	37197.75659	42839.815727	44166.370541	15129.730804	0.20%
3184	36805.288278	42441.966209	43635.073797	14910.429026	0.20%
3278	36426.375038	41927.058847	43266.456016	14771.400764	0.10%
3374	35672.964012	41075.258847	42120.237141	14418.083931	0.10%
3473	36269.961898	41722.911648	42784.696814	14746.677524	0.10%
3575	36993.894591	42641.921452	43698.950833	14937.511854	0.10%
3680	37541.079355	42844.859749	44095.179808	15119.022391	0.10%
3789	37458.87471	42360.834618	43710.596027	14940.319404	0.10%
3900	36353.378561	41375.452101	42710.214046	14603.355317	0.10%
4015	37696.782722	43042.821962	44096.173977	15115.210561	0.10%
4133	36999.064714	42210.950983	43667.322531	14938.25724	0.10%
4254	33168.248396	41256.308796	42760.800292	14632.217142	0.10%
4379	32976.77431	41952.737565	43447.111708	14884.689132	0.10%
4508	29795.96722	42621.154789	44005.815172	15076.267477	0.10%
4640	27192.816547	42167.280214	43599.890067	14914.194808	0.10%
4777	27474.218513	42774.659684	44017.376114	15101.350365	0.10%
4917	27325.034165	42325.717578	43836.607394	14963.688692	0.10%
5062	27496.148751	42838.70758	44156.600447	15110.353809	0.10%
5211	27461.133144	42785.796806	44023.75914	15063.499899	0.10%
5364	26729.627162	41268.826834	42413.577517	14701.382052	0.10%
5521	26560.168344	40479.523044	42224.836404	14583.096687	0.10%
5684	27514.349072	42607.725164	44123.615044	15132.108088	0.10%
5851	27151.619265	41858.273497	43603.131758	14996.588052	0.10%
6023	26475.025303	40607.118392	42370.792656	14582.775018	0.10%
6200	27234.872647	42207.401483	43811.213625	15018.154126	0.10%
6382	27337.96152	42368.610411	44059.282077	15051.825503	0.10%
6570	27477.315522	42499.28018	44134.658948	15119.893177	0.10%
6763	27221.176061	42202.008279	43636.692517	14965.239204	0.10%
6962	27472.164001	42654.591476	43945.91879	15090.23873	0.10%
7166	27353.391649	42394.318937	43692.572686	15062.149358	0.10%
7377	27500.745309	41737.416847	43710.203087	15132.563312	0.00%
7594	27298.058115	41102.720264	43183.360707	15028.713343	0.00%
7817	27155.115096	40861.271652	42909.460705	14933.031434	0.00%
8047	27370.017011	41383.187271	43316.899309	15077.161424	0.00%
8284	27327.411191	41271.519207	43184.389677	15087.73396	0.00%
8527	27344.323051	41354.992493	43206.889723	15082.552048	0.00%
8778	27015.026903	40725.720832	42615.790321	14915.07039	0.00%
9036	27227.758841	40705.565197	42431.323047	15037.81704	0.00%
9301	27327.898959	40738.699568	42557.21066	15088.432842	0.00%
9575	27321.789955	40805.122138	42607.31902	15079.912756	0.00%
9856	26945.582295	40250.049332	42124.013557	14889.869092	0.00%
10146	27134.347709	40776.608252	42477.976099	15081.894313	0.00%
10444	27124.175857	40172.971088	42129.899832	15035.910871	0.00%
10751	27185.792582	40051.240619	42187.905567	15105.914204	0.00%
11067	27314.513059	39947.34654	41756.043213	15111.097787	0.00%
11393	26773.475258	39226.897194	41081.53727	14898.646798	0.00%
11728	27033.975725	39473.655525	41500.792529	14993.316023	0.00%
12072	27119.419906	39931.498982	41872.628774	15081.46105	0.00%
12427	27141.667603	39543.0799	41479.528328	15110.362359	0.00%
12793	26813.330787	38763.577506	40386.241981	14936.735902	0.00%
13169	27027.971863	38807.774638	40231.074985	15048.406689	0.00%

output

13556	27134.96806	38804.578682	39983.103795	15096.2725	0.00%
13954	27070.027871	38699.080274	39571.441624	15076.783784	0.00%
14365	26329.100113	37181.853525	38281.364768	14725.22713	0.00%
14787	26002.437223	36169.410929	37471.01901	14490.37632	0.00%
15221	26935.792264	37683.209228	39009.583026	15040.053859	0.00%
15669	26711.753793	37399.877346	38478.544262	14854.710505	0.00%
16130	26645.509761	37431.714926	38830.849803	14893.11162	0.00%
16604	26604.660792	38061.032134	39103.1104	14969.319005	0.00%
17092	26476.448207	37462.518267	38295.938948	14861.278241	0.00%
17594	25931.916232	36416.876755	37709.01298	14687.408649	0.00%
18112	26165.698602	36303.282367	37683.057639	14771.234417	0.00%
18644	26748.276401	36970.076965	38424.773981	15081.559913	0.00%
19192	26195.07635	35240.558174	37084.034534	14874.995152	0.00%
19756	26565.145508	35643.724462	37953.192367	15033.364074	0.00%
20337	26348.278229	34621.267594	37396.957541	14882.533068	0.00%
20935	25796.974536	32421.084881	36098.96458	14660.166283	0.00%
21550	25555.878013	31358.139025	35427.378078	14481.142906	0.00%
22184	25446.515765	30462.004617	35024.017438	14468.083242	0.00%
22836	24607.457567	28505.55142	32453.363435	14179.149828	0.00%
23507	26061.480295	31176.982721	35547.553454	14988.141737	0.00%
24198	24375.14862	28588.467141	32714.451214	14042.660299	0.00%
24910	24703.144049	27932.97444	33379.376382	14275.683693	0.00%
25642	23723.119284	26087.436806	30743.552856	13732.734011	0.00%
26396	24819.51439	27513.453742	32418.409343	14198.275864	0.00%
27172	25229.326335	27647.685898	32773.408536	14362.296698	0.00%
27970	26224.027204	28321.626986	33787.331658	14984.368678	0.00%
28793	25423.397523	27398.128144	32607.453243	14616.703576	0.00%
29639	25939.57624	27824.642261	33126.405968	14892.049495	0.00%
30510	25464.570936	27024.498648	32304.806393	14702.586653	0.00%
31407	25652.526181	27069.086024	32516.442359	14772.740136	0.00%
32331	26022.72978	27616.709926	33023.269541	15043.475867	0.00%
33281	25905.670057	27206.995248	32724.862675	14984.324821	0.00%
34259	25844.563358	27169.355115	32741.882096	15038.074901	0.00%
35267	25422.937348	26644.378514	31961.839494	14882.571586	0.00%
36303	25507.429374	26819.12854	32165.717787	14972.974862	0.00%
37370	25401.077614	27021.060261	32398.248923	15069.422567	0.00%
38469	25154.824184	26957.446938	32363.497737	15049.783062	0.00%
39600	24191.15203	26523.945986	31892.262973	14856.368256	0.00%
40764	24252.349879	26862.84998	32143.544857	14985.251885	0.00%
41962	24141.074191	26877.121483	32241.815883	15047.721516	0.00%
43196	23814.4995	26623.222083	31932.806817	14919.432315	0.00%
44466	23578.846725	26807.610106	32192.17291	15044.300409	0.00%
45773	23417.42695	26680.340978	32105.506266	14995.998091	0.00%
47119	23407.098393	26780.862232	32183.052785	15025.225367	0.00%
48504	22809.539935	26375.023091	31707.419543	14817.00383	0.00%
49930	21586.223629	24994.193952	30225.854398	14176.662906	0.00%
51397	21399.147114	24912.897953	29649.836864	14341.684181	0.00%
52908	22292.492862	26764.42931	32178.062405	15086.525982	0.00%
54464	21116.054111	25254.565706	30338.104619	14532.991403	0.00%
56065	21807.566854	26730.943373	32102.202372	14990.429511	0.00%
57713	21327.721158	25961.109381	31328.185723	14755.600355	0.00%
59410	21174.438972	26313.454035	31615.887693	14776.608763	0.00%
61156	21177.768529	26316.233219	31638.854805	14869.889158	0.00%

output

62954	20451.303308	25702.320411	30993.957536	14555.843156	0.00%
64804	21109.45023	26698.612984	32166.409243	15044.506299	0.00%
66710	20144.592644	24469.964878	29442.620887	14178.675501	0.00%
68671	20705.97215	26204.929076	31571.144749	14832.591598	0.00%
70689	20672.232855	26666.982838	32093.992939	15045.457015	0.00%
72767	19840.824574	24429.347041	29412.566575	14130.585809	0.00%
74907	20537.415115	26333.433219	31526.321908	14848.480848	0.00%
77109	20532.582775	26693.393543	32161.865032	15030.554654	0.00%
79375	20504.429215	26674.691425	32082.836893	15089.045737	0.00%
81709	19702.464352	24328.643968	29474.181593	14163.154749	0.00%
84111	20281.739692	26037.131556	31474.150388	14838.971931	0.00%
86583	19776.496864	25047.063519	30415.301264	14475.539717	0.00%
89129	19419.436051	23396.931389	28326.064227	13794.906054	0.00%
91749	20274.561139	24886.063449	30545.079147	14529.776203	0.00%
94446	20344.376705	25053.733029	30867.227471	14686.431363	0.00%
97222	19745.420979	23068.432378	28450.939507	13975.501136	0.00%
100080	20220.249747	24506.564496	30478.179401	14507.645041	0.00%
103023	20380.081997	24220.262907	30418.805414	14606.595538	0.00%
106051	20456.941241	24461.889491	30552.789988	14685.747015	0.00%
109169	20168.965339	23777.572447	30082.011844	14473.229077	0.00%
112378	20370.639916	24075.47005	30394.473438	14596.748452	0.00%
115682	20363.97527	24090.849256	30650.725494	14620.958662	0.00%
119082	20378.830354	23952.980719	30332.020301	14575.551281	0.00%
122583	20296.371742	23599.4698	30201.249046	14482.033657	0.00%
126187	20357.84938	23357.810489	29749.979189	14454.554645	0.00%
129896	20343.060521	23374.014352	29912.127756	14460.628034	0.00%
133715	20123.251995	22711.127747	29412.119412	14271.759538	0.00%
137645	20314.798797	22897.237189	29267.503466	14377.831464	0.00%
141692	20405.384315	22534.609353	29176.774571	14310.513182	0.00%
145857	20180.722903	21677.531047	28459.465835	14072.507792	0.00%
150145	20280.659868	21377.80627	28232.650463	13953.184917	0.00%
154559	20337.53213	21063.376751	27992.011412	13949.167395	0.00%
159102	20186.646276	20541.678553	27525.564889	13834.918554	0.00%
163779	20122.435688	19596.756332	26586.852287	13602.874343	0.00%
168594	20251.001027	19463.870583	26014.615307	13508.692376	0.00%
173550	20312.980649	19032.68477	26037.950138	13515.673679	0.00%
178652	20007.005017	18371.849592	25060.315161	13183.837907	0.00%
183904	20103.664854	17896.172758	24485.880632	13169.395629	0.00%
189310	20083.44831	17241.260257	23857.659026	13066.883615	0.00%
194876	19873.552037	16289.204809	22997.743307	12814.426802	0.00%
200604	20118.056821	16401.085658	22812.50528	12873.297867	0.00%
206501	19931.93921	15446.444982	21846.74772	12585.002631	0.00%
212572	19979.352678	15094.636097	21266.90223	12512.334727	0.00%
218821	20039.804692	14825.984739	21072.763619	12498.912013	0.00%
225254	19263.357694	13609.222191	19347.682873	11985.22484	0.00%
231876	19794.794531	13906.814344	19794.584173	12205.978286	0.00%
238692	19423.157444	13294.192075	19159.092015	11992.173671	0.00%
245709	19172.463864	12890.961732	18650.802991	11852.574088	0.00%
252932	19222.982347	12528.171621	18227.456189	11810.691823	0.00%
260368	18948.44235	12240.605503	17679.518238	11586.521678	0.00%
268022	18756.132438	11906.960445	17324.394255	11556.155214	0.00%
275901	18148.821316	11641.949949	17038.206514	11427.321353	0.00%
284011	16919.122603	11212.256191	16273.864887	10598.273052	0.00%

output

292360	17861.468454	11378.620477	16627.159017	11250.59557	0.00%
300955	18222.494676	11303.94067	16417.220383	11249.244054	0.00%
309802	17859.847347	11193.87079	16388.803335	11197.168775	0.00%
318910	17012.75999	11075.183358	16214.077375	11154.286646	0.00%
328285	17157.336776	11082.626649	16237.000171	11113.08647	0.00%
337935	16335.514362	10960.533224	16053.448139	10979.991958	0.00%
347870	16187.627445	10898.747523	16000.071164	11013.405037	0.00%
358096	15238.520136	10799.789161	15896.074514	10893.868705	0.00%
368623	14802.613216	10821.950783	15817.14144	10919.732418	0.00%
379459	14150.662323	10686.248926	15743.826728	10793.542682	0.00%
390614	13876.514644	10641.902343	15652.505389	10817.417944	0.00%
402097	12849.058544	10572.519409	15616.359329	10791.05031	0.00%
413918	12445.121267	10529.870506	15585.567363	10853.933205	0.00%
426086	11964.771435	10457.126125	15488.11816	10871.696867	0.00%
438612	11472.86892	10477.810223	15502.623036	10904.647725	0.00%
451505	10743.618205	10379.025625	15561.567748	10919.995212	0.00%
464778	10472.433202	10453.555952	15560.028352	10937.123846	0.00%
478442	10197.146902	10439.711829	15568.32204	10934.640448	0.00%
492506	10024.539809	10516.871702	15671.30544	11024.670158	0.00%
506985	9749.222981	10532.508136	15655.256843	11018.397461	0.00%
521889	9590.686823	10548.259571	15741.068211	11142.940984	0.00%
537231	9402.600199	10488.019883	15827.959131	11033.943457	0.00%
553024	9315.472725	10544.261388	15877.527905	11126.586284	0.00%
569281	9183.718122	10534.600789	15801.782753	11152.852162	0.00%
586016	9182.123339	10575.618686	15992.783721	11193.515678	0.00%
603243	9067.282813	10550.286834	15915.827479	11199.794596	0.00%
620977	9021.073167	10675.213281	16011.010302	11270.774962	0.00%
639232	8954.47092	10557.352614	16079.807491	11266.350844	0.00%
658024	8880.728731	10624.479518	16097.739151	11260.095078	0.00%
677368	8933.86477	10610.214979	16084.105214	11317.451599	0.00%
697280	8913.176789	10627.447994	15978.989674	11224.252459	0.00%
717778	8876.664681	10642.356703	16044.629226	11389.652729	0.00%
738879	8819.850367	10619.640714	16012.426443	11289.867814	0.00%
760600	8859.845872	10688.445005	16098.244986	11427.683011	0.00%
782959	8720.508286	10668.7863	15964.177669	11363.659525	0.00%
805976	8711.834926	10617.048337	16155.687797	11422.942885	0.00%
829670	8580.15209	10528.099375	15845.411908	11291.87644	0.00%
854059	8689.690187	10679.728266	16230.058754	11508.499706	0.00%
879166	8670.19498	10683.871096	16149.911764	11472.339088	0.00%
905011	8640.145048	10754.768672	16257.134695	11525.116103	0.00%
931616	8644.814799	10677.1567	16240.943711	11496.942052	0.00%
959003	8730.998042	10743.295624	16226.594942	11557.143475	0.00%
987195	8691.909548	10725.544397	16085.391364	11564.714684	0.00%
1016216	8737.345952	10810.387136	16209.804514	11627.626681	0.00%
1046089	8663.141128	10825.864675	16155.15758	11579.603165	0.00%
1076841	8807.506121	10668.752803	16236.00105	11498.858954	0.00%
1108497	8813.197149	10725.454163	16349.013872	11699.349618	0.00%
1141084	8640.741642	10691.361088	16040.882478	11121.244669	0.00%
1174629	8650.828647	10784.201058	16391.121236	11545.405723	0.00%
1209159	8719.829488	10700.076799	16159.407157	11223.16698	0.00%
1244705	8776.532137	10763.218808	16282.443432	11409.825036	0.00%
1281296	8725.16051	10789.007784	16395.767585	11664.717478	0.00%
1318963	8709.784832	10754.390119	16082.824619	11063.440249	0.00%

output

1357736	8743.296889	10879.525197	16550.396149	11712.833024	0.00%
1397650	8721.227364	10858.380809	16248.411633	11279.264252	0.00%
1438737	8731.923146	10900.402977	16475.487672	11652.033857	0.00%
1481031	8735.896471	10817.373269	16260.082034	11368.078936	0.00%
1524570	8774.949325	10923.173367	16445.565373	11701.860246	0.00%
1569388	8750.682169	10865.958643	16275.132872	11457.745831	0.00%
1615523	8941.549157	10745.02853	16478.123243	11503.68563	0.00%
1663015	9008.463821	10756.883315	16703.524865	11769.18167	0.00%
1711903	8858.561303	10631.14497	16179.887723	10964.478125	0.00%
1762228	8981.008157	10797.054852	16502.462299	11651.868564	0.00%
1814032	8933.537089	10791.839679	16613.873856	11804.237228	0.00%
1867360	8978.675277	10764.048115	16394.460871	11541.192596	0.00%
1922255	8796.398377	10678.77567	16188.036207	11186.464978	0.00%
1978763	8941.875661	10791.572493	16644.693839	11868.279322	0.00%
2036933	8887.755231	10779.549626	16562.320905	11830.201894	0.00%
2096813	8839.473713	10796.392205	16604.831144	11814.000549	0.00%
2158454	8836.083934	10912.039396	16640.349366	11915.500992	0.00%
2221906	8793.640863	10863.633404	16625.105897	11876.102222	0.00%
2287224	8792.420597	10866.770186	16702.93233	11887.66441	0.00%
2354462	8844.719516	10894.702	16771.012409	11906.754057	0.00%
2423676	8815.781205	10903.198038	16497.943487	11836.211273	0.00%
2494925	8778.345346	10975.245903	16684.648973	11907.950554	0.00%
2568269	8776.230968	10959.358048	16611.439914	11907.054168	0.00%
2643769	8776.886998	10997.760559	16700.757648	11948.364873	0.00%
2721488	8854.116484	11072.849378	16692.983943	12002.980754	0.00%
2801492	8768.295667	10968.527673	16540.426141	11840.212958	0.00%
2883848	8817.372731	11024.980183	16588.666395	11927.139503	0.00%
2968624	8793.392656	10944.587803	16448.534737	11847.457477	0.00%
3055893	8761.241365	10959.852664	16562.733609	11871.635094	0.00%
3145728	8713.266263	10904.233395	16501.047978	11812.292455	0.00%