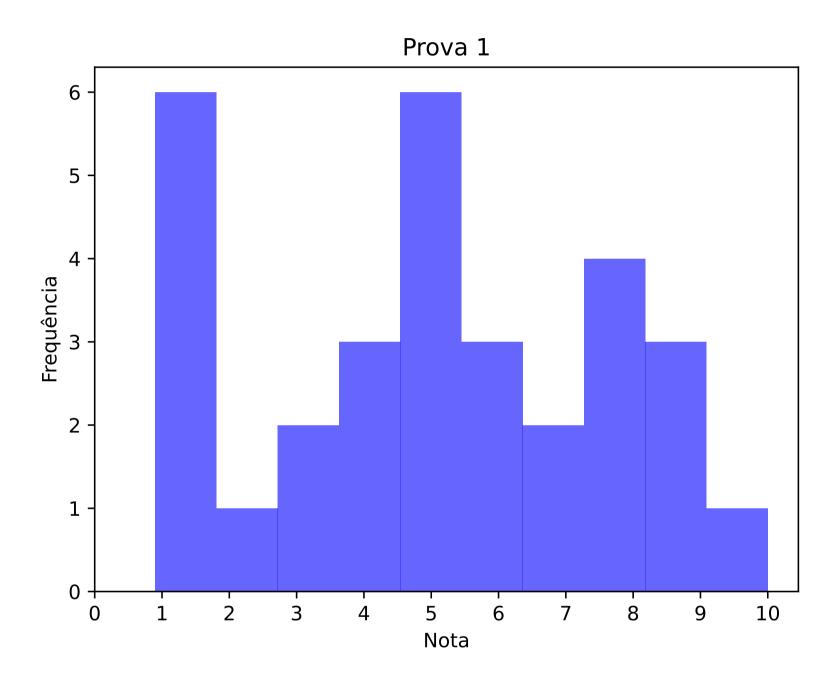
Análise de Algoritmos 2023/1

Prof. Daniel Saad Nogueira Nunes

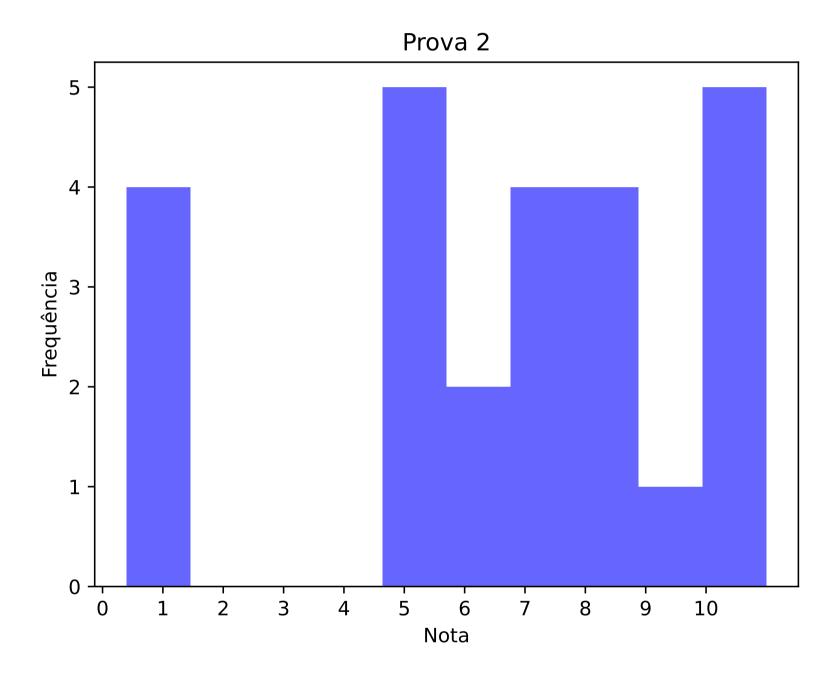
Prova 1

Matrícula	Nota
151057600082	-
161057600013	-
161057600034	2.3
161057600065	-
181057600002	-
181057600048	1.2
181057600065	-
191057600007	5.6
191057600008	5.2
191057600009	8.5
191057600011	7.6
191057600018	6.0
191057600022	8.8
191057600032	4.7
191057600037	4.1
191057600038	4.6
191057600054	3.5
191057600056	1.4
191057600061	-
191057600062	-
201057600034	1.3
201057600046	-
201057600058	-
211057600001	5.7
211057600003	7.8
211057600014	-
211057600016	8.8
211057600020	4.2
211057600022	7.8
211057600026	5.1
211057600027	3.5
211057600029	1.7
211057600032	6.5
211057600052	7.6
211057600060	-
211057600065	4.2
211057600071	5.1
212057600001	0.9
221057600010	-
221057600023	5.4
221057600029	10.0
221057600033	-
221057600035	7.2
221057600037	1.8
221057600061	-
221057600069	-
221057600070	-



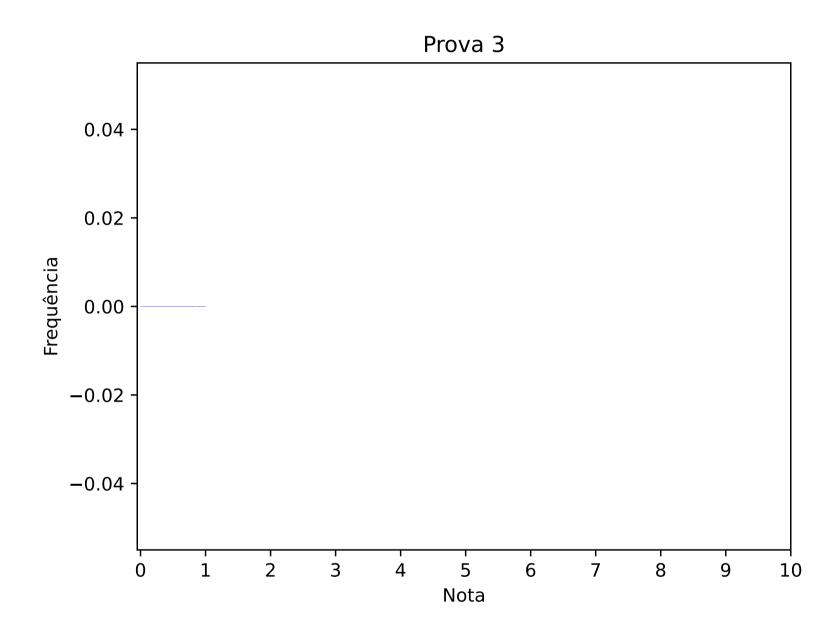
Prova 2

Matrícula	Nota
151057600082	_
161057600013	-
161057600034	0.4
161057600065	-
181057600002	-
181057600048	0.8
181057600065	-
191057600007	5.3
191057600008	5.6
191057600009	8.7
191057600011	-
191057600018	7.5
191057600022	-
191057600032	7.4
191057600037	8.1
191057600038	7.7
191057600054	4.8
191057600056	1.0
191057600061	-
191057600062	-
201057600034	-
201057600046	-
201057600058	-
211057600001	10.8
211057600003	9.4
211057600014	-
211057600016	11.0
211057600020	5.3
211057600022	8.0
211057600026	6.3
211057600027	5.6
211057600029	-
211057600032	6.0
211057600052	7.9
211057600060	-
211057600065	7.6
211057600071	-
212057600001	0.8
221057600010	-
221057600023	10.1
221057600029	11.0
221057600033	-
221057600035	10.8
221057600037	-
221057600061	-
221057600069	-
221057600070	_



Prova 3

Matrícula	Nota
151057600082	-
161057600013	-
161057600034	-
161057600065	-
181057600002	-
181057600048	-
181057600065	-
191057600007	-
191057600008	-
191057600009	-
191057600011	-
191057600018	-
191057600022	-
191057600032	-
191057600037	-
191057600038	-
191057600054	ı
191057600056	1
191057600061	ı
191057600062	-
201057600034	-
201057600046	-
201057600058	-
211057600001	-
211057600003	-
211057600014	-
211057600016	-
211057600020	-
211057600022	-
211057600026	-
211057600027	-
211057600029	-
211057600032	-
211057600052	-
211057600060	-
211057600065	-
$\frac{211057600071}{212057600001}$	-
221057600001	-
221057600010	-
221057600023	-
221057600029	-
221057600035	-
221057600035	-
221057600061	-
221057600069	_
221057600009	
221001000010	_



Nota Final

Matrícula Nota 151057600082 0.0 161057600013 0.0 161057600034 0.9 161057600065 0.0 181057600048 0.7 181057600065 0.0 191057600007 3.7 191057600008 3.6 191057600009 5.8 191057600011 2.6 191057600022 3.0 191057600032 4.1 191057600033 4.1 191057600034 2.8 191057600054 2.8 191057600061 0.0 201057600062 0.0 201057600034 0.5 201057600046 0.0 2010576000058 0.0 211057600001 5.5 211057600001 5.5 211057600002 3.2 211057600002 3.2 211057600020 3.2 211057600002 3.8 211057600002 3.2 211057600002 3.2		
161057600013 0.0 161057600034 0.9 161057600065 0.0 181057600002 0.0 181057600048 0.7 181057600065 0.0 191057600007 3.7 191057600008 3.6 191057600009 5.8 191057600011 2.6 191057600022 3.0 191057600032 4.1 191057600034 4.5 191057600035 4.1 191057600056 0.8 191057600056 0.8 191057600061 0.0 201057600062 0.0 201057600034 0.5 201057600046 0.0 201057600001 5.5 211057600001 5.5 211057600014 0.0 211057600020 3.2 211057600021 5.3 211057600022 5.3 211057600032 4.2 211057600065 4.0 21057600007 1.7	Matrícula	Nota
161057600034 0.9 161057600065 0.0 181057600002 0.0 181057600048 0.7 181057600065 0.0 191057600007 3.7 191057600009 5.8 191057600011 2.6 191057600012 3.0 191057600022 3.0 191057600032 4.1 191057600034 4.1 191057600054 2.8 191057600056 0.8 191057600061 0.0 201057600062 0.0 201057600034 0.5 201057600046 0.0 201057600046 0.0 201057600001 5.5 211057600002 3.2 211057600014 0.0 211057600020 3.2 211057600021 5.3 211057600022 5.3 211057600023 4.2 211057600032 4.2 211057600005 4.0 21057600001 0.6	151057600082	0.0
161057600065 0.0 181057600002 0.0 181057600048 0.7 181057600065 0.0 191057600007 3.7 191057600008 3.6 191057600011 2.6 191057600012 3.0 191057600032 4.1 191057600033 4.1 191057600034 4.5 191057600054 2.8 191057600054 2.8 191057600061 0.0 201057600062 0.0 201057600034 0.5 201057600046 0.0 201057600046 0.0 201057600001 5.5 211057600003 5.8 211057600001 5.5 211057600020 3.2 211057600021 5.3 211057600022 5.3 211057600023 4.2 211057600065 4.0 211057600071 1.7 212057600001 0.6 221057600003 5.2	161057600013	0.0
181057600002 0.0 181057600048 0.7 181057600065 0.0 191057600007 3.7 191057600009 5.8 191057600011 2.6 191057600018 4.5 191057600032 4.1 191057600033 4.1 191057600034 2.8 191057600054 2.8 191057600056 0.8 191057600061 0.0 201057600062 0.0 201057600034 0.5 201057600046 0.0 2010576000058 0.0 211057600001 5.5 211057600003 5.8 211057600001 6.6 211057600020 3.2 211057600021 5.3 211057600022 5.3 211057600023 4.2 211057600065 4.0 2110576000071 1.7 212057600001 0.6 221057600003 5.2 221057600003 5.2	161057600034	0.9
181057600048 0.7 181057600065 0.0 191057600007 3.7 191057600009 5.8 191057600011 2.6 191057600018 4.5 191057600022 3.0 191057600032 4.1 191057600037 4.1 191057600038 4.1 191057600054 2.8 191057600056 0.8 191057600062 0.0 201057600034 0.5 201057600034 0.5 201057600046 0.0 2010576000058 0.0 211057600001 5.5 211057600001 5.5 211057600002 3.2 211057600014 0.0 211057600020 3.2 211057600021 5.3 211057600022 5.3 211057600023 4.2 211057600065 4.0 211057600010 0.6 221057600003 5.2 221057600003 5.2	161057600065	0.0
181057600065 0.0 191057600007 3.7 191057600009 5.8 191057600011 2.6 191057600012 3.0 191057600022 3.0 191057600032 4.1 191057600037 4.1 191057600038 4.1 191057600054 2.8 191057600056 0.8 191057600061 0.0 201057600034 0.5 201057600046 0.0 201057600038 0.0 211057600001 5.5 211057600003 5.8 211057600001 5.5 211057600014 0.0 211057600020 3.2 211057600021 5.3 211057600022 5.3 211057600023 4.2 211057600065 4.0 211057600071 1.7 212057600001 0.6 221057600033 0.0 221057600035 6.0 221057600037 0.6	181057600002	0.0
191057600007 3.7 191057600008 3.6 191057600009 5.8 191057600011 2.6 191057600018 4.5 191057600022 3.0 191057600032 4.1 191057600037 4.1 191057600038 4.1 191057600054 2.8 191057600056 0.8 191057600061 0.0 201057600034 0.5 201057600046 0.0 201057600046 0.0 201057600001 5.5 211057600003 5.8 211057600014 0.0 211057600020 3.2 211057600022 5.3 211057600023 3.8 211057600029 0.6 211057600032 4.2 211057600065 4.0 211057600071 1.7 212057600003 5.2 221057600035 6.0 221057600037 0.6 221057600037 0.6	181057600048	0.7
191057600008 3.6 191057600009 5.8 191057600011 2.6 191057600018 4.5 191057600022 3.0 191057600032 4.1 191057600037 4.1 191057600038 4.1 191057600054 2.8 191057600056 0.8 191057600061 0.0 201057600062 0.0 201057600034 0.5 201057600046 0.0 201057600038 0.0 211057600001 5.5 211057600003 5.8 211057600014 0.0 211057600020 3.2 211057600021 5.3 211057600022 5.3 211057600023 4.2 211057600065 4.0 211057600071 1.7 212057600001 0.6 221057600023 5.2 221057600035 6.0 221057600037 0.6 221057600069 0.0	181057600065	0.0
191057600008 3.6 191057600009 5.8 191057600011 2.6 191057600018 4.5 191057600022 3.0 191057600032 4.1 191057600037 4.1 191057600038 4.1 191057600054 2.8 191057600056 0.8 191057600061 0.0 201057600062 0.0 201057600034 0.5 201057600046 0.0 201057600038 0.0 211057600001 5.5 211057600003 5.8 211057600014 0.0 211057600020 3.2 211057600021 5.3 211057600022 5.3 211057600023 4.2 211057600065 4.0 211057600071 1.7 212057600001 0.6 221057600023 5.2 221057600035 6.0 221057600037 0.6 221057600069 0.0	191057600007	3.7
191057600011 2.6 191057600018 4.5 191057600022 3.0 191057600032 4.1 191057600037 4.1 191057600038 4.1 191057600054 2.8 191057600056 0.8 191057600061 0.0 201057600034 0.5 201057600046 0.0 201057600048 0.0 211057600001 5.5 211057600003 5.8 211057600001 5.5 211057600014 0.0 211057600020 3.2 211057600021 3.2 211057600022 5.3 211057600023 4.2 211057600029 0.6 211057600052 5.2 211057600065 4.0 211057600001 0.6 221057600023 5.2 221057600033 0.0 221057600035 6.0 221057600069 0.0 221057600069 0.0	191057600008	
191057600018 4.5 191057600022 3.0 191057600032 4.1 191057600038 4.1 191057600054 2.8 191057600056 0.8 191057600061 0.0 191057600062 0.0 201057600034 0.5 201057600046 0.0 201057600001 5.5 211057600001 5.5 211057600014 0.0 211057600020 3.2 211057600021 5.3 211057600022 5.3 211057600023 3.8 211057600024 3.2 211057600025 5.2 211057600065 4.0 211057600065 4.0 211057600001 0.6 221057600023 5.2 221057600035 6.0 221057600037 0.6 221057600069 0.0 221057600069 0.0	191057600009	5.8
191057600022 3.0 191057600032 4.1 191057600038 4.1 191057600054 2.8 191057600056 0.8 191057600061 0.0 191057600062 0.0 201057600034 0.5 201057600046 0.0 201057600001 5.5 211057600001 5.5 211057600003 5.8 211057600014 0.0 211057600020 3.2 211057600021 5.3 211057600022 5.3 211057600023 3.8 211057600024 4.2 211057600025 5.2 211057600060 0.0 211057600065 4.0 211057600001 0.6 221057600003 5.2 221057600003 5.2 221057600033 0.0 221057600035 6.0 221057600061 0.0 221057600069 0.0 221057600069 0.0	191057600011	2.6
191057600032 4.1 191057600037 4.1 191057600038 4.1 191057600054 2.8 191057600056 0.8 191057600061 0.0 201057600062 0.0 201057600034 0.5 201057600046 0.0 2010576000058 0.0 211057600001 5.5 211057600003 5.8 211057600014 0.0 211057600020 3.2 211057600022 5.3 211057600023 3.8 211057600027 3.1 211057600029 0.6 211057600032 4.2 211057600060 0.0 211057600065 4.0 211057600001 0.6 221057600023 5.2 221057600033 0.0 221057600035 6.0 221057600061 0.0 221057600069 0.0	191057600018	4.5
191057600037 4.1 191057600038 4.1 191057600054 2.8 191057600056 0.8 191057600061 0.0 191057600062 0.0 201057600034 0.5 201057600046 0.0 201057600001 5.5 211057600001 5.5 211057600014 0.0 211057600020 3.2 211057600022 5.3 211057600023 3.8 211057600024 3.8 211057600025 3.2 211057600026 3.8 211057600027 3.1 211057600032 4.2 211057600065 4.0 211057600065 4.0 211057600001 0.6 22105760001 0.6 221057600023 5.2 221057600035 6.0 221057600037 0.6 221057600069 0.0 221057600069 0.0	191057600022	3.0
191057600038 4.1 191057600054 2.8 191057600056 0.8 191057600061 0.0 191057600062 0.0 201057600034 0.5 201057600058 0.0 211057600001 5.5 211057600003 5.8 211057600014 0.0 211057600020 3.2 211057600020 3.2 211057600022 5.3 211057600027 3.1 211057600029 0.6 211057600052 5.2 211057600065 4.0 211057600071 1.7 212057600001 0.6 221057600023 5.2 221057600035 6.0 221057600037 0.6 221057600069 0.0	191057600032	4.1
191057600054 2.8 191057600056 0.8 191057600061 0.0 191057600062 0.0 201057600034 0.5 201057600046 0.0 201057600058 0.0 211057600001 5.5 211057600003 5.8 211057600014 0.0 211057600020 3.2 211057600022 5.3 211057600023 3.8 211057600027 3.1 211057600029 0.6 211057600032 4.2 211057600065 4.0 211057600065 4.0 211057600001 0.6 221057600023 5.2 221057600035 6.0 221057600037 0.6 221057600069 0.0	191057600037	4.1
191057600056 0.8 191057600061 0.0 191057600062 0.0 201057600034 0.5 201057600046 0.0 201057600058 0.0 211057600001 5.5 211057600003 5.8 211057600014 0.0 211057600020 3.2 211057600022 5.3 211057600023 3.8 211057600027 3.1 211057600029 0.6 211057600032 4.2 211057600065 5.2 211057600065 4.0 211057600071 1.7 212057600001 0.6 221057600023 5.2 221057600033 0.0 221057600035 6.0 221057600061 0.0 221057600069 0.0	191057600038	4.1
191057600061 0.0 191057600062 0.0 201057600034 0.5 201057600046 0.0 201057600058 0.0 211057600001 5.5 211057600003 5.8 211057600014 0.0 211057600020 3.2 211057600022 5.3 211057600026 3.8 211057600027 3.1 211057600029 0.6 211057600032 4.2 211057600060 0.0 211057600065 4.0 211057600001 0.6 221057600023 5.2 221057600029 7.0 221057600035 6.0 221057600061 0.6 221057600069 0.0	191057600054	2.8
191057600062 0.0 201057600034 0.5 201057600046 0.0 201057600058 0.0 211057600001 5.5 211057600014 0.0 211057600016 6.6 211057600020 3.2 211057600022 5.3 211057600026 3.8 211057600027 3.1 211057600029 0.6 211057600032 4.2 211057600060 0.0 211057600065 4.0 211057600071 1.7 212057600001 0.6 221057600023 5.2 221057600033 0.0 221057600037 0.6 221057600061 0.0 221057600069 0.0	191057600056	0.8
$\begin{array}{c} 201057600034 & 0.5 \\ 201057600046 & 0.0 \\ 201057600058 & 0.0 \\ 211057600001 & 5.5 \\ 211057600003 & 5.8 \\ 211057600014 & 0.0 \\ 211057600016 & 6.6 \\ 211057600020 & 3.2 \\ 211057600022 & 5.3 \\ 211057600026 & 3.8 \\ 211057600027 & 3.1 \\ 211057600027 & 3.1 \\ 211057600029 & 0.6 \\ 211057600032 & 4.2 \\ 211057600052 & 5.2 \\ 211057600060 & 0.0 \\ 211057600065 & 4.0 \\ 21105760001 & 0.6 \\ 22105760001 & 0.6 \\ 221057600029 & 7.0 \\ 221057600033 & 0.0 \\ 221057600035 & 6.0 \\ 221057600037 & 0.6 \\ 221057600061 & 0.0 \\ 221057600061 & 0.0 \\ 221057600061 & 0.0 \\ 221057600061 & 0.0 \\ 221057600061 & 0.0 \\ 221057600061 & 0.0 \\ 221057600069 & 0.0 \\ \end{array}$	191057600061	0.0
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	191057600062	0.0
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	201057600034	0.5
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	201057600046	0.0
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		0.0
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	211057600001	5.5
$\begin{array}{c} 211057600016 & 6.6 \\ 211057600020 & 3.2 \\ 211057600022 & 5.3 \\ 211057600026 & 3.8 \\ 211057600027 & 3.1 \\ 211057600029 & 0.6 \\ 211057600032 & 4.2 \\ 211057600052 & 5.2 \\ 211057600065 & 4.0 \\ 211057600065 & 4.0 \\ 211057600001 & 0.6 \\ 221057600001 & 0.0 \\ 221057600023 & 5.2 \\ 221057600023 & 5.2 \\ 221057600033 & 0.0 \\ 221057600035 & 6.0 \\ 221057600037 & 0.6 \\ 221057600061 & 0.0 \\ 221057600061 & 0.0 \\ 221057600061 & 0.0 \\ 221057600061 & 0.0 \\ 221057600069 & 0.0 \\ \end{array}$		5.8
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	211057600014	0.0
$\begin{array}{c ccccc} 211057600022 & 5.3 \\ 211057600026 & 3.8 \\ 211057600027 & 3.1 \\ 211057600029 & 0.6 \\ 211057600032 & 4.2 \\ 211057600052 & 5.2 \\ 211057600060 & 0.0 \\ 211057600065 & 4.0 \\ 211057600071 & 1.7 \\ 212057600001 & 0.6 \\ 221057600023 & 5.2 \\ 221057600023 & 5.2 \\ 221057600033 & 0.0 \\ 221057600035 & 6.0 \\ 221057600037 & 0.6 \\ 221057600061 & 0.0 \\ 221057600061 & 0.0 \\ 221057600069 & 0.0 \\ \end{array}$	211057600016	6.6
$\begin{array}{c} 211057600026 & 3.8 \\ 211057600027 & 3.1 \\ 211057600029 & 0.6 \\ 211057600032 & 4.2 \\ 211057600052 & 5.2 \\ 211057600060 & 0.0 \\ 211057600065 & 4.0 \\ 211057600071 & 1.7 \\ 212057600001 & 0.6 \\ 221057600023 & 5.2 \\ 221057600023 & 5.2 \\ 221057600033 & 0.0 \\ 221057600035 & 6.0 \\ 221057600037 & 0.6 \\ 221057600061 & 0.0 \\ 221057600061 & 0.0 \\ 221057600069 & 0.0 \\ \end{array}$	211057600020	3.2
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
$\begin{array}{c} 211057600029 & 0.6 \\ 211057600032 & 4.2 \\ 211057600052 & 5.2 \\ 211057600060 & 0.0 \\ 211057600065 & 4.0 \\ 211057600071 & 1.7 \\ 212057600001 & 0.6 \\ 221057600010 & 0.0 \\ 221057600023 & 5.2 \\ 221057600029 & 7.0 \\ 221057600033 & 0.0 \\ 221057600035 & 6.0 \\ 221057600037 & 0.6 \\ 221057600061 & 0.0 \\ 221057600069 & 0.0 \\ \end{array}$	211057600026	3.8
$\begin{array}{c cccc} 211057600032 & 4.2 \\ 211057600052 & 5.2 \\ 211057600060 & 0.0 \\ 211057600065 & 4.0 \\ 211057600071 & 1.7 \\ 212057600001 & 0.6 \\ 221057600010 & 0.0 \\ 221057600023 & 5.2 \\ 221057600029 & 7.0 \\ 221057600033 & 0.0 \\ 221057600035 & 6.0 \\ 221057600037 & 0.6 \\ 221057600061 & 0.0 \\ 221057600069 & 0.0 \\ \end{array}$		3.1
$\begin{array}{c cccc} 211057600052 & 5.2 \\ 211057600060 & 0.0 \\ 211057600065 & 4.0 \\ 211057600071 & 1.7 \\ 212057600001 & 0.6 \\ 221057600023 & 5.2 \\ 221057600029 & 7.0 \\ 221057600033 & 0.0 \\ 221057600035 & 6.0 \\ 221057600037 & 0.6 \\ 221057600061 & 0.0 \\ 221057600069 & 0.0 \\ \end{array}$	211057600029	0.6
$\begin{array}{c cccc} 211057600060 & 0.0 \\ 211057600065 & 4.0 \\ 211057600071 & 1.7 \\ 212057600001 & 0.6 \\ 221057600023 & 5.2 \\ 221057600029 & 7.0 \\ 221057600033 & 0.0 \\ 221057600035 & 6.0 \\ 221057600037 & 0.6 \\ 221057600061 & 0.0 \\ 221057600069 & 0.0 \\ \end{array}$		
$\begin{array}{c cccc} 211057600065 & 4.0 \\ 211057600071 & 1.7 \\ 212057600001 & 0.6 \\ 221057600010 & 0.0 \\ 221057600023 & 5.2 \\ 221057600029 & 7.0 \\ 221057600033 & 0.0 \\ 221057600035 & 6.0 \\ 221057600037 & 0.6 \\ 221057600061 & 0.0 \\ 221057600069 & 0.0 \\ \end{array}$		
$\begin{array}{c cccc} 211057600071 & 1.7 \\ 212057600001 & 0.6 \\ 221057600010 & 0.0 \\ 221057600023 & 5.2 \\ 221057600029 & 7.0 \\ 221057600033 & 0.0 \\ 221057600035 & 6.0 \\ 221057600037 & 0.6 \\ 221057600061 & 0.0 \\ 221057600069 & 0.0 \\ \end{array}$		
$\begin{array}{c cccc} 212057600001 & 0.6 \\ 221057600010 & 0.0 \\ 221057600023 & 5.2 \\ 221057600029 & 7.0 \\ 221057600033 & 0.0 \\ 221057600035 & 6.0 \\ 221057600037 & 0.6 \\ 221057600061 & 0.0 \\ 221057600069 & 0.0 \\ \end{array}$		
$\begin{array}{c cccc} 221057600010 & 0.0 \\ 221057600023 & 5.2 \\ 221057600029 & 7.0 \\ 221057600033 & 0.0 \\ 221057600035 & 6.0 \\ 221057600037 & 0.6 \\ 221057600061 & 0.0 \\ 221057600069 & 0.0 \\ \end{array}$		
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