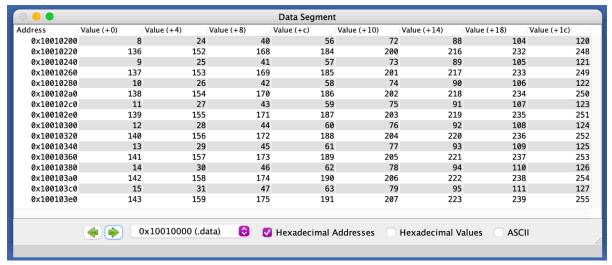
Alunos: Déborah Raquel Bussolo Ferreira (22103732) e Enzo Nicolás Spotorno Bieger (22100614)

Atividade 1
Os valores nos respectivos locais da memória:

				Data Segment				
ddress	Value (+0)	Value (+4)	Value (+8)	Value (+c)	Value (+10)	Value (+14)	Value (+18)	Value (+1c)
0×10010000	(1	2	3	4	5	6	7
0×10010020	8	9	10	11	12	13	14	15
0×10010040	16	5 17	18	19	20	21	22	23
0×10010060	24	25	26	27	28	29	30	31
0×10010080	32	2 33	34	35	36	37	38	39
0x100100a0	46	41	42	43	44	45	46	47
0x100100c0	48	3 49	50	51	52	53	54	. 5!
0x100100e0	56	5 57	58	59	60	61	62	63
0×10010100	64	65	66	67	68	69	70	7:
0×10010120	72	73	74	75	76	77	78	79
0×10010140	86	81	82	83	84	85	86	87
0×10010160	88		90		92	93		
0×10010180	96		98		100	101		
0x100101a0	104		106		108	109		
0x100101c0	112		114		116	117		
0x100101e0	120		122		124	125		
			-4-1	Hexadecimal A	Addresses O	Hexadecimal V	alues ASCI	ıı.
	(*) (*)	0×10010000 (.da	ata) 😝 🗸	пехадесттат А	Addresses	riexadeciiiai v	aiues Asci	
• • •				Data Segmen	t			
Address	Value (+0)	Value (+4)	Value (+8)	Data Segment	t Value (+10)	Value (+14)	Value (+18)	Value (+1c)
Address 0x10010200	Value (+0)	Value (+4) 8 129	Value (+8)	Data Segment Value (+c) 131	t Value (+10) 132	Value (+14)	Value (+18)	Value (+1c)
Address 0×10010200 0×10010220	Value (+0)	Value (+4) 8 129 6 137	Value (+8) 130 138	Data Segment Value (+c)	t Value (+10) 132 140	Value (+14) 133 141	Value (+18) 134 142	Value (+1c) 135 143
Address 0x10010200 0x10010220 0x10010240	Value (+0) 12 13	Value (+4) 8 129 6 133 4 145	Value (+8) 9 130 7 138 5 146	Data Segment Value (+c)	t Value (+10) 132 140 148	Value (+14) 133 141 149	Value (+18) 134 142 150	Value (+1c) 135 143 151
Address 0x10010200 0x10010220 0x10010240 0x10010260	Value (+0) 12 13 14	Value (+4) 8 129 6 137 4 144 2 153	Value (+8) 7 138 6 146 8 154	Data Segmen Value (+c) 131 3 139 5 147 155	t Value (+10) 132 140 148 156	Value (+14) 133 141 149 157	Value (+18) 134 142 150 158	Value (+1c) 135 143 151 159
Address 0x10010200 0x10010220 0x10010240 0x10010260 0x10010280	Value (+0) 12 13 14 15	Value (+4) 8 129 6 133 4 145 2 155 0 161	Value (+8) 7 136 7 136 6 146 3 154	Data Segment Value (+c) 131 3 139 5 147 4 155	t Value (+10) 132 140 148 156	Value (+14) 133 141 149 157	Value (+18) 134 142 150 158 166	Value (+1c) 135 143 151 159 167
Address 0x10010200 0x10010220 0x10010240 0x10010260 0x10010280 0x100102a0	Value (+0) 12 13 14 15 16	Value (+4) 8 129 6 137 4 149 2 153 0 161 8 169	Value (+8) 7 138 6 146 8 154 1 162	Data Segment Value (+c) 3 139 4 147 155 2 163 171	t Value (+10) 132 140 148 156 164	Value (+14) 133 141 149 157 165 173	Value (+18) 134 142 150 158 166 174	Value (+1c) 135 143 151 159 167
Address 0x10010200 0x10010220 0x10010240 0x10010260 0x10010280 0x100102a0 0x100102c0	Value (+0) 12 13 14 15 16 16	Value (+4) 8 129 6 137 4 145 2 155 0 163 8 166 6 177	Value (+8) 7 138 6 146 8 154 1 162 9 177	Data Segment Value (+c) 131 139 147 155 2 163 171 179	t Value (+10) 132 140 148 156 164 172	Value (+14) 133 141 149 157 165 173 181	Value (+18) 134 142 150 158 166 174 182	Value (+1c) 135 143 151 159 167 175 183
Address 0x10010200 0x10010220 0x10010240 0x10010260 0x10010280 0x100102a0 0x100102c0 0x100102c0	Value (+0) 12 13 14 15 16 16 17	Value (+4) 8 129 6 137 4 149 2 155 0 160 8 169 6 177 4 185	Value (+8) 7 138 6 146 8 154 1 162 7 178 7 186	Data Segmen Value (+c) 131 3 139 6 147 5 163 171 6 179 6 187	t Value (+10) 132 140 148 156 164 172 180	Value (+14) 133 141 149 157 165 173 181 189	Value (+18) 134 142 150 158 166 174 182 190	Value (+1c) 135 143 151 159 167 175 183
Address 0x10010200 0x10010220 0x10010240 0x10010260 0x10010230 0x100102a0 0x100102c0 0x100102c0 0x10010300	Value (+0) 12 13 14 15 16 16 17 18	Value (+4) 8 129 6 133 4 149 2 155 0 161 8 166 177 4 188 2 193	Value (+8) 7 138 7 138 8 146 8 154 1 162 9 177 7 178 6 186	Data Segment Value (+c) 131 3 139 5 147 155 2 163 171 179 6 187	t Value (+10) 132 140 148 156 164 172 180 188	Value (+14) 133 141 149 157 165 173 181 189	Value (+18) 134 142 159 158 166 174 182 190	Value (+1c) 135 143 151 167 175 183 191 199
Address 0x10010200 0x10010220 0x10010260 0x10010260 0x10010260 0x100102a0 0x100102c0 0x100102c0 0x10010300 0x10010300	Value (+0) 12 13 14 15 16 16 17 18 19	Value (+4) 8 129 6 137 4 145 2 153 0 166 8 169 6 177 4 189 2 199	Value (+8) 7 138 6 144 8 154 1 162 7 178 7 186 8 194	Data Segment Value (+c) 131 139 147 155 163 171 179 187 195 203	t Value (+10) 132 140 148 156 164 172 180 188 196 204	Value (+14) 133 141 149 157 165 173 181 189 197 205	Value (+18) 134 142 150 158 166 174 182 190 198 206	Value (+1c) 135 143 151 159 167 175 183 191 199
Address 0x10010200 0x10010220 0x10010240 0x10010250 0x10010260 0x10010260 0x100102c0 0x100102c0 0x10010300 0x10010320 0x10010340	Value (+0) 12 13 14 15 16 17 18 19 20	Value (+4) 8 129 6 137 4 144 2 153 0 163 8 166 6 177 4 188 2 193 0 203 8 208	Value (+8) 138 148 154 177 178 188 194 202	Data Segment Value (+c) 131 139 147 155 163 171 179 187 195 203	t Value (+10) 132 140 148 156 164 172 180 188 196 204	Value (+14) 133 141 149 157 165 173 181 189 197 205 213	Value (+18) 134 142 150 158 166 174 182 190 198 206 214	Value (+1c) 135 143 155 159 167 175 183 191 199 207
Address 0x10010200 0x10010220 0x10010240 0x10010240 0x10010280 0x100102a0 0x100102c0 0x100102c0 0x10010320 0x10010320 0x10010340 0x10010360	Value (+0) 12 13 14 15 16 16 17 18 19 20 20 21	Value (+4) 8	Value (+8) 138 148 154 162 177 178 186 194 202	Data Segment Value (+c) 131 139 147 155 2 163 177 18 195 2 203 2 211 3 219	t Value (+10) 132 140 148 156 164 172 180 188 196 204 212	Value (+14) 133 141 149 157 165 173 181 189 197 205 213	Value (+18) 134 142 150 158 166 174 182 190 198 206 214 222	Value (+1c) 135 143 153 159 167 175 183 193 199 207 215
Address 0x10010200 0x10010240 0x10010240 0x10010250 0x10010280 0x10010220 0x10010220 0x10010320 0x10010320 0x10010350 0x10010350 0x10010350	Value (+0) 12 13 14 15 16 16 17 18 19 20 20 21	Value (+4) 8 129 6 133 4 145 2 155 0 161 8 166 177 4 188 2 193 0 201 8 206 6 217 4 225	Value (+8) 7 138 7 138 8 154 8 152 9 176 7 178 8 194 1 202 201 7 218	Data Segment Value (+c) 131 139 147 155 163 171 179 181 195 203 211 219 227	t Value (+10) 132 140 148 156 164 172 180 188 196 204 212 220 228	Value (+14) 133 141 149 157 165 173 181 189 197 205 213 221	Value (+18) 134 142 159 158 166 174 182 190 198 206 214 222 230	Value (+1c) 135 143 155 167 175 183 199 207 215 223
Address 0x10010200 0x10010220 0x10010260 0x10010260 0x10010260 0x10010260 0x10010260 0x10010260 0x10010260 0x10010300 0x10010300 0x10010330 0x10010330	Value (+0) 12 13 14 15 16 16 17 18 19 20 20 21 22 23	Value (+4) 8	Value (+8) 7 138 6 144 8 154 1 162 9 176 9 178 9 202 9 216 7 218 6 226	Data Segment Value (+c) 131 139 147 155 163 171 179 187 195 203 211 2119 1227 227	t Value (+10) 132 140 148 156 164 172 180 188 196 204 212 220 228 236	Value (+14) 133 141 149 157 165 173 181 189 197 205 213 221 229	Value (+18) 134 142 150 158 166 174 182 190 198 206 214 222 230 238	Value (+1c) 135 143 151 167 175 183 191 199 207 215 223 231 239
Address 0x10010200 0x10010220 0x10010220 0x10010250 0x10010230 0x10010230 0x10010230 0x10010230 0x10010300 0x10010330 0x10010330 0x10010330 0x10010330	Value (+0) 12 13 14 15 16 16 17 18 19 20 21 22 23	Value (+4) 8 129 6 137 4 144 22 153 0 166 8 169 6 177 4 188 2 193 0 201 8 209 6 217 4 228 2 233 0 241	Value (+8) 7 138 6 146 8 154 1 162 9 177 7 178 8 194 1 202 9 216 7 218 8 226 8 234	Data Segment Value (+c) 131 139 147 155 163 171 179 187 195 203 211 3 219 227 235 243	t Value (+10) 132 140 148 156 164 172 180 188 196 204 212 220 228 236	Value (+14) 133 141 149 157 165 173 181 189 197 205 213 221 229 237	Value (+18) 134 142 150 158 166 174 182 190 198 206 214 222 230 238	Value (+1c) 135 143 151 159 167 175 183 191 199 207 215 223 231 239 247
Address 0x10010200 0x10010220 0x10010260 0x10010260 0x10010260 0x10010260 0x10010260 0x10010260 0x10010260 0x10010300 0x10010300 0x10010330 0x10010330 0x10010330	Value (+0) 12 13 14 15 16 16 17 18 19 20 20 21 22 23	Value (+4) 8 129 6 137 4 144 22 153 0 166 8 169 6 177 4 188 2 193 0 201 8 209 6 217 4 228 2 233 0 241	Value (+8) 7 138 6 146 8 154 1 162 9 177 7 178 8 194 1 202 9 216 7 218 8 226 8 234	Data Segment Value (+c) 131 139 147 155 163 171 179 187 195 203 211 3 219 227 235 243	t Value (+10) 132 140 148 156 164 172 180 188 196 204 212 220 228 236	Value (+14) 133 141 149 157 165 173 181 189 197 205 213 221 229	Value (+18) 134 142 150 158 166 174 182 190 198 206 214 222 230 238	Value (+1c) 135 143 151 159 167 175 183 191 199 207 215 223 231 239 247
Address 0x10010200 0x10010220 0x10010240 0x10010260 0x10010260 0x10010260 0x10010260 0x10010260 0x10010300 0x10010300 0x10010340 0x10010330 0x10010330 0x10010330 0x10010330	Value (+0) 12 13 14 15 16 16 17 18 19 20 21 22 23	Value (+4) 8 129 6 137 4 144 22 153 0 166 8 169 6 177 4 188 2 193 0 201 8 209 6 217 4 228 2 233 0 241	Value (+8) 7	Data Segment Value (+c) 131 139 147 155 163 171 179 187 195 203 211 3 219 227 235 243	t Value (+10) 132 140 148 156 164 172 180 188 196 204 212 220 228 236 244 252	Value (+14) 133 141 149 157 165 173 181 189 197 205 213 221 229 237 245 253	Value (+18) 134 142 150 158 166 174 182 190 198 206 214 222 230 238 246 254	Value (+1c) 135 143 151 159 167 175 183 191 199 207 215 223 231 239 247 255

Atividade 2 Os valores nos respectivos locais da memória:

O O Data Segment										
Address	Value (+0)	Value (+4)	Value (+8)	Value (+c)		Value (+14)	. ,	Value (+1c)		
0×10010000			32	48		80	96	112		
0×10010020			160			208	224	240		
0×10010040	_		33	49		81	97	113		
0×10010060				177	193	209	225	241		
0×10010080			34	50		82		114		
0x100100a0						210	226	242		
0x100100c0	_		35	51		83	99	115		
0x100100e0	131	147	163			211	227	243		
0×10010100	4		36	52		84	100	116		
0×10010120	132	148	164	180	196	212		244		
0×10010140	5	21	37	53	69	85	101	117		
0×10010160	133		165			213	229	245		
0×10010180	ϵ	5 22	38	54	70	86	102	118		
0x100101a0	134	150	166	182	198	214	230	246		
0x100101c0	7	23	39	55	71	87	103	119		
0x100101e0	135	151	167	183	199	215	231	247		



Nesse segundo caso os valores nas memórias pulam de 16 em 16, que é a quantidade de colunas em cada linha. Uma linha da matriz de 16 elementos é distribuída em duas linhas da memória, que tem 8 elementos cada.