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Atividade 1

Os valores nos respectivos locais da memória:

Data Segment									
Address	Value (+0)	Value (+4)	Value (+8)	Value (+c)	Value (+10)	Value (+14)	Value (+18)	Value (+1c)	
0x10010000	0	1	2	3	4	5	6	7	
0x10010020	8	9	10	11	12	13	14	15	
0x10010040	16	17	18	19	20	21	22	23	
0x10010060	24	25	26	27	28	29	30	31	
0x10010080	32	33	34	35	36	37	38	39	
0x100100a0	40	41	42	43	44	45	46	47	
0x100100c0	48	49	50	51	52	53	54	55	
0x100100e0	56	57	58	59	60	61	62	63	
0x10010100	64	65	66	67	68	69	70	71	
0x10010120	72	73	74	75	76	77	78	79	
0x10010140	80	81	82	83	84	85	86	87	
0x10010160	88	89	90	91	92	93	94	95	
0x10010180	96	97	98	99	100	101	102	103	
0x100101a0	104	105	106	107	108	109	110	111	
0x100101c0	112	113	114	115	116	117	118	119	
0x100101e0	120	121	122	123	124	125	126	127	

  0x10010000 (.data)  ☒ Hexadecimal Addresses ☐ Hexadecimal Values ☐ ASCII




Data Segment									
Address	Value (+0)	Value (+4)	Value (+8)	Value (+c)	Value (+10)	Value (+14)	Value (+18)	Value (+1c)	
0x10010200	128	129	130	131	132	133	134	135	
0x10010220	136	137	138	139	140	141	142	143	
0x10010240	144	145	146	147	148	149	150	151	
0x10010260	152	153	154	155	156	157	158	159	
0x10010280	160	161	162	163	164	165	166	167	
0x100102a0	168	169	170	171	172	173	174	175	
0x100102c0	176	177	178	179	180	181	182	183	
0x100102e0	184	185	186	187	188	189	190	191	
0x10010300	192	193	194	195	196	197	198	199	
0x10010320	200	201	202	203	204	205	206	207	
0x10010340	208	209	210	211	212	213	214	215	
0x10010360	216	217	218	219	220	221	222	223	
0x10010380	224	225	226	227	228	229	230	231	
0x100103a0	232	233	234	235	236	237	238	239	
0x100103c0	240	241	242	243	244	245	246	247	
0x100103e0	248	249	250	251	252	253	254	255	

  0x10010000 (.data)  ☒ Hexadecimal Addresses ☐ Hexadecimal Values ☐ ASCII

Atividade 2

Os valores nos respectivos locais da memória:

Data Segment									
Address	Value (+0)	Value (+4)	Value (+8)	Value (+c)	Value (+10)	Value (+14)	Value (+18)	Value (+1c)	
0x10010000	0	16	32	48	64	80	96	112	
0x10010020	128	144	160	176	192	208	224	240	
0x10010040	1	17	33	49	65	81	97	113	
0x10010060	129	145	161	177	193	209	225	241	
0x10010080	2	18	34	50	66	82	98	114	
0x100100a0	130	146	162	178	194	210	226	242	
0x100100c0	3	19	35	51	67	83	99	115	
0x100100e0	131	147	163	179	195	211	227	243	
0x10010100	4	20	36	52	68	84	100	116	
0x10010120	132	148	164	180	196	212	228	244	
0x10010140	5	21	37	53	69	85	101	117	
0x10010160	133	149	165	181	197	213	229	245	
0x10010180	6	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	

  0x10010000 (.data)  ☒ Hexadecimal Addresses ☐ Hexadecimal Values ☐ ASCII

Data Segment									
Address	Value (+0)	Value (+4)	Value (+8)	Value (+c)	Value (+10)	Value (+14)	Value (+18)	Value (+1c)	
0x10010200	8	24	40	56	72	88	104	120	
0x10010220	136	152	168	184	200	216	232	248	
0x10010240	9	25	41	57	73	89	105	121	
0x10010260	137	153	169	185	201	217	233	249	
0x10010280	10	26	42	58	74	90	106	122	
0x100102a0	138	154	170	186	202	218	234	250	
0x100102c0	11	27	43	59	75	91	107	123	
0x100102e0	139	155	171	187	203	219	235	251	
0x10010300	12	28	44	60	76	92	108	124	
0x10010320	140	156	172	188	204	220	236	252	
0x10010340	13	29	45	61	77	93	109	125	
0x10010360	141	157	173	189	205	221	237	253	
0x10010380	14	30	46	62	78	94	110	126	
0x100103a0	142	158	174	190	206	222	238	254	
0x100103c0	15	31	47	63	79	95	111	127	
0x100103e0	143	159	175	191	207	223	239	255	

☒ Hexadecimal Addresses
 ☐ Hexadecimal Values
 ☐ ASCII

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.