

[illegible]

i=43 0x93ffa030
i=44 0x520bb632
i=45 0x786d8677
i=46 0xfa7bd3d8
i=47 0xdcaba4cd
i=48 0xc1d42a13
i=49 0x4c04c1e3
i=50 0x29ee931e
i=51 0x8028af64
i=52 0xc93df5c8
i=53 0xa5511675
i=54 0xabcbc50b
i=55 0x7f221a1d
i=56 0xda2aaa97
i=57 0xc76b0bc7
i=58 0x88b5ca76
i=59 0xc5524cba
i=60 0xd4153abe
i=61 0xee826d54
i=62 0x1cfaf8b5
i=63 0x674f76d1

----- w end -----

t	a	b	c	d	e	f	g	h	T1	T2	Kj	Wj
t=0	0x6a09e667	0xbb67ae85	0x3c6ef372	0xa54ff53a	0x510e527f	0x9b05688c	0x1f83d9ab	0x5be0cd19	0xf5f1abce	0x8909ae5	0x428a2f98	0x279be66
t=1	0xfe8246b3	0x6a09e667	0xbb67ae85	0x3c6ef372	0x9b41a108	0x510e527f	0x9b05688c	0x1f83d9ab	0xc4682e80	0xbd2990eb	0x71374491	0x7ef9dcbb
t=2	0x8191bf6b	0xfe8246b3	0x6a09e667	0xbb67ae85	0xd721f2	0x9b41a108	0x510e527f	0x9b05688c	0xec39372d	0x4847b3b4	0xb5c0fbcf	0xac55a062
t=3	0x3480eae1	0x8191bf6b	0xfe8246b3	0x6a09e667	0xa7a0e5b2	0xd721f2	0x9b41a108	0x510e527f	0x960c85c2	0xce030950	0xe9b5dba5	0x95ce870b
t=4	0x640f8f12	0x3480eae1	0x8191bf6b	0xfe8246b3	0x166c29	0xa7a0e5b2	0xd721f2	0x9b41a108	0x672b54e	0x42e398b	0x3956c25b	0x7029bfc
t=5	0xaa0eed9	0x640f8f12	0x3480eae1	0x8191bf6b	0x4f4fc01	0x166c29	0xa7a0e5b2	0xd721f2	0xd757bdab	0xdc5bf96c	0x59f111f1	0xdb2dce28
t=6	0xb3b3b717	0xaa0eed9	0x640f8f12	0x3480eae1	0x58e97d16	0x4f4fc01	0x166c29	0xa7a0e5b2	0xa3470af7	0xbd30dda9	0x923f82a4	0xd959f281
t=7	0x6077e8a0	0xb3b3b717	0xaa0eed9	0x640f8f12	0xd7c7f5d8	0x58e97d16	0x4f4fc01	0x166c29	0x92fa4b68	0xa57066a7	0xab1c5ed5	0x5b16f817
t=8	0x386ab20f	0x6077e8a0	0xb3b3b717	0xaa0eed9	0xf709da7a	0xd7c7f5d8	0x58e97d16	0x4f4fc01	0x75ce971e	0x251f053e	0xd807aa98	0x98800000
t=9	0x9aed9c5c	0x386ab20f	0x6077e8a0	0xb3b3b717	0x806f85f7	0xf709da7a	0xd7c7f5d8	0x58e97d16	0x9a2a10b8	0xaa9e7a1c	0x12835b01	0x0
t=10	0x44c88ad4	0x9aed9c5c	0x386ab20f	0x6077e8a0	0x4dddc7cf	0x806f85f7	0xf709da7a	0xd7c7f5d8	0xd884448e	0x7ea3f03e	0x243185be	0x0
t=11	0x572834cc	0x44c88ad4	0x9aed9c5c	0x386ab20f	0x38fc2d2e	0x4dddc7cf	0x806f85f7	0xf709da7a	0x38285649	0x6a64220a	0x550c7dc3	0x0
t=12	0xa28c7853	0x572834cc	0x44c88ad4	0x9aed9c5c	0x70930858	0x38fc2d2e	0x4dddc7cf	0x806f85f7	0x54532572	0x62677dd1	0x72be5d74	0x0
t=13	0xb6baa343	0xa28c7853	0x572834cc	0x44c88ad4	0xef40c1ce	0x70930858	0x38fc2d2e	0x4dddc7cf	0xe178b29d	0xd3e64422	0x80deb1fe	0x0
t=14	0xb55ef6bf	0xb6baa343	0xa28c7853	0x572834cc	0x26413d71	0xef40c1ce	0x70930858	0x38fc2d2e	0x95cda95e	0xda0fdbbe0	0x9bdc06a7	0x0
t=15	0x6fdd853e	0xb55ef6bf	0xb6baa343	0xa28c7853	0xecf5de2a	0x26413d71	0xef40c1ce	0x70930858	0x6d71756d	0x7bef8d5b	0xc19bf174	0x108
t=16	0xe96102c8	0x6fdd853e	0xb55ef6bf	0xb6baa343	0xffdedc0	0xecf5de2a	0x26413d71	0xef40c1ce	0x5820c5c3	0x9571aedd	0xe49b69c1	0x1085d5f6
t=17	0xed9274a0	0xe96102c8	0x6fdd853e	0xb55ef6bf	0xedb6906	0xffdedc0	0xecf5de2a	0x26413d71	0x92b54b01	0xc58276b5	0xefbe4786	0x38699114
t=18	0x5837c1b6	0xed9274a0	0xe96102c8	0x6fdd853e	0x481441c0	0xedb6906	0xffdedc0	0xecf5de2a	0xe0a350c0	0x2ded2953	0xfc19dc6	0xa0e83425
t=19	0xe907a13	0x5837c1b6	0xed9274a0	0xe96102c8	0x5080d5fe	0x481441c0	0xedb6906	0xffdedc0	0x77cf45a1	0x9f6696ef	0x240ca1cc	0xee865ff0
t=20	0x1735dc90	0xe907a13	0x5837c1b6	0xed9274a0	0x61304869	0x5080d5fe	0x481441c0	0xedb6906	0x127079e7	0x54756768	0x2de92c6f	0x5d1acef2
t=21	0x66e5e14f	0x1735dc90	0xe907a13	0x5837c1b6	0x2ee87	0x61304869	0x5080d5fe	0x481441c0	0xd445fd59	0x4afd6afa	0x4a7484aa	0x23a5950f
t=22	0x1f436853	0x66e5e14f	0x1735dc90	0xe907a13	0x2c7dbf0f	0x2ee87	0x61304869	0x5080d5fe	0x8599a87b	0xa04f54c5	0x5cb0a9dc	0xb3db3b5d
t=23	0x25e8fd40	0x1f436853	0x66e5e14f	0x1735dc90	0x942a228e	0x2c7dbf0f	0x2ee87	0x61304869	0x50d2bac6	0x686ff9c3	0x76f988da	0xf5ec90f0
t=24	0xb942b489	0x25e8fd40	0x1f436853	0x66e5e14f	0x68089756	0x942a228e	0x2c7dbf0f	0x2ee87	0x1fb81ccf	0xfe123e13	0x983e5152	0xcbd32a6c
t=25	0x1dca5ae2	0xb942b489	0x25e8fd40	0x1f436853	0x869dfe1e	0x68089756	0x942a228e	0x2c7dbf0f	0x57531aaa	0xb6d4ed5d	0xa831c66d	0x7b435394
t=26	0xe280807	0x1dca5ae2	0xb942b489	0x25e8fd40	0x769682fd	0x869dfe1e	0x68089756	0x942a228e	0x12cf401d	0x40dc87fc	0xb00327c8	0xdecf6849
t=27	0x53abc819	0xe280807	0x1dca5ae2	0xb942b489	0x38b83d5d	0x769682fd	0x869dfe1e	0x68089756	0x821463f9	0xd5aa5219	0xbf597fc7	0x20c1310f

t=28 0x5cbeb612 0x53abc819 0xe280807 0x1dca5ae2 0x3b571882 0x38b83d5d 0x769682fd 0x869dfe1e 0xf9f5189d 0x3c0f8916 0xc6e00bf3 0x7cbffc73
t=29 0x3604a1b3 0x5cbeb612 0x53abc819 0xe280807 0x17bf737f 0x3b571882 0x38b83d5d 0x769682fd 0x45e4657f 0x294cf4a4 0xd5a79147 0x72897f91
t=30 0x6f315a23 0x3604a1b3 0x5cbeb612 0x53abc819 0x540c6d86 0x17bf737f 0x3b571882 0x38b83d5d 0x3666140f 0x4df454f1 0x6ca6351 0x7d78f4a
t=31 0x845a6900 0x6f315a23 0x3604a1b3 0x5cbeb612 0x8a11dc28 0x540c6d86 0x17bf737f 0x3b571882 0x8c4b5840 0x26c723a5 0x14292967 0xf74595f2
t=32 0xb3127be5 0x845a6900 0x6f315a23 0x3604a1b3 0xe90a0e52 0x8a11dc28 0x540c6d86 0x17bf737f 0xedc8db2a 0xa1190bc7 0x27b70a85 0xd4fcf96
t=33 0x8ee1e6f1 0xb3127be5 0x845a6900 0x6f315a23 0x23cd7cdd 0xe90a0e52 0x8a11dc28 0x540c6d86 0x16deea5d 0x5a023469 0x2e1b2138 0xe209ac62
t=34 0x70e11ec6 0x8ee1e6f1 0xb3127be5 0x845a6900 0x86104480 0x23cd7cdd 0xe90a0e52 0x8a11dc28 0x28495360 0xa152585f 0x4d2c6dfc 0x4bd5f711
t=35 0xc99babbf 0x70e11ec6 0x8ee1e6f1 0xb3127be5 0xaca3bc60 0x86104480 0x23cd7cdd 0xe90a0e52 0xce799168 0x8a18080b 0x53380d13 0xab720696
t=36 0x58919973 0xc99babbf 0x70e11ec6 0x8ee1e6f1 0x818c0d4d 0xaca3bc60 0x86104480 0x23cd7cdd 0xfda5de37 0xb46d0ba9 0x650a7354 0x948cf9d2
t=37 0xb212e9e0 0x58919973 0xc99babbf 0x70e11ec6 0x8c87c528 0x818c0d4d 0xaca3bc60 0x86104480 0xb4dbe6c7 0xba521a 0x766a0abb 0xd2fc3e9a
t=38 0xb59638e1 0xb212e9e0 0x58919973 0xc99babbf 0x25bd058d 0x8c87c528 0x818c0d4d 0xaca3bc60 0x791d9b76 0xa31e5e40 0x81c2c92e 0x6a81837c
t=39 0x1c3bf9b6 0xb59638e1 0xb212e9e0 0x58919973 0x42b94735 0x25bd058d 0x8c87c528 0x818c0d4d 0xb61cc615 0x596bc1a2 0x92722c85 0xa65ddea1
t=40 0xf8887b7 0x1c3bf9b6 0xb59638e1 0xb212e9e0 0xae5f88 0x42b94735 0x25bd058d 0x8c87c528 0x6c397ec3 0xf9df3b4e 0xa2bfe8a1 0x9323e143
t=41 0x6618ba11 0xf8887b7 0x1c3bf9b6 0xb59638e1 0x1e4c68a3 0xae5f88 0x42b94735 0x25bd058d 0x490024ad 0xf9fe1790 0xa81a664b 0x6e3cbfa1
t=42 0x42fe3c3d 0x6618ba11 0xf8887b7 0x1c3bf9b6 0xfe965d8e 0x1e4c68a3 0xae5f88 0x42b94735 0x5145b848 0x903e2c2a 0xc24b8b70 0x6d094e5f
t=43 0xe183e472 0x42fe3c3d 0x6618ba11 0xf8887b7 0x6d81b1fe 0xfe965d8e 0x1e4c68a3 0xae5f88 0xef89f4b1 0xf700fab6 0xc76c51a3 0x93ffa030
t=44 0xe68aef67 0xe183e472 0x42fe3c3d 0x6618ba11 0xff127c68 0x6d81b1fe 0xfe965d8e 0x1e4c68a3 0x574cd89d 0x8baafc8b 0xd192e819 0x520bb632
t=45 0xe2f7d528 0xe68aef67 0xe183e472 0x42fe3c3d 0xbd6592ae 0xff127c68 0x6d81b1fe 0xfe965d8e 0xa9088947 0x313226e1 0xd6990624 0x786d8677
t=46 0xda3ab028 0xe2f7d528 0xe68aef67 0xe183e472 0xec06c584 0xbd6592ae 0xff127c68 0x6d81b1fe 0xbb6fcdff 0x3fc3d3df 0xf40e3585 0xfa7bd3d8
t=47 0xfb33a1de 0xda3ab028 0xe2f7d528 0xe68aef67 0x9cf3b271 0xec06c584 0xbd6592ae 0xff127c68 0x8ac8aaa4 0x78effb2e 0x106aa070 0xdcaba4cd
t=48 0x3b8a5d2 0xfb33a1de 0xda3ab028 0xe2f7d528 0x71539a0b 0x9cf3b271 0xec06c584 0xbd6592ae 0xfa9cb6ff 0x28241e99 0x19a4c116 0xc1d42a13
t=49 0x22c0d598 0x3b8a5d2 0xfb33a1de 0xda3ab028 0xdd948c27 0x71539a0b 0x9cf3b271 0xec06c584 0x7982a111 0xcad7e9c5 0x1e376c08 0x4c04c1e3
t=50 0x445a8ad6 0x22c0d598 0x3b8a5d2 0xfb33a1de 0x53bd5139 0xdd948c27 0x71539a0b 0x9cf3b271 0x7ccd6545 0xb0685f42 0x2748774c 0x29ee931e
t=51 0x2d35c487 0x445a8ad6 0x22c0d598 0x3b8a5d2 0x78010723 0x53bd5139 0xdd948c27 0x71539a0b 0x64cf24c9 0x5cb6c8d1 0x34b0bcb5 0x8028af64
t=52 0xc185ed9a 0x2d35c487 0x445a8ad6 0x22c0d598 0x6887ca9b 0x78010723 0x53bd5139 0xdd948c27 0xd851e42c 0x1016e8e5 0x391c0cb3 0xc93df5c8
t=53 0xe868cd11 0xc185ed9a 0x2d35c487 0x445a8ad6 0xfb12b9c4 0x6887ca9b 0x78010723 0x53bd5139 0x521a6b68 0x9ac70536 0x4ed8aa4a 0xa5511675
t=54 0xece1709e 0xe868cd11 0xc185ed9a 0x2d35c487 0x9674f63e 0xfb12b9c4 0x6887ca9b 0x78010723 0x81ed510f 0xa2ef2e39 0x5b9cca4f 0xabcbc50b
t=55 0x24dc7f48 0xece1709e 0xe868cd11 0xc185ed9a 0xaf231596 0x9674f63e 0xfb12b9c4 0x6887ca9b 0x9fecb464 0x6f7396ba 0x682e6ff3 0x7f221a1d
t=56 0xf604b1e 0x24dc7f48 0xece1709e 0xe868cd11 0x6172a1fe 0xaf231596 0x9674f63e 0xfb12b9c4 0x800c5ac2 0x86e48d16 0x748f82ee 0xda2aaa97
t=57 0x6f0e7d8 0xf604b1e 0x24dc7f48 0xece1709e 0x687527d3 0x6172a1fe 0xaf231596 0x9674f63e 0x4b56cad9 0x3d3ddc2 0x78a5636f 0xc76b0bc7
t=58 0x4f2aa89b 0x6f0e7d8 0xf604b1e 0x24dc7f48 0x38383b77 0x687527d3 0x6172a1fe 0xaf231596 0xd42e5871 0x4d13a9e9 0x84c87814 0x88b5ca76
t=59 0x2142025a 0x4f2aa89b 0x6f0e7d8 0xf604b1e 0xf90ad7b9 0x38383b77 0x687527d3 0x6172a1fe 0x81b9fb2b 0x99eb84dd 0x8cc70208 0xc5524cba
t=60 0x1ba58008 0x2142025a 0x4f2aa89b 0x6f0e7d8 0x911a4649 0xf90ad7b9 0x38383b77 0x687527d3 0xe8c95063 0x9bcc1d5a 0x90befffa 0xd4153abe
t=61 0x84956dbd 0x1ba58008 0x2142025a 0x4f2aa89b 0xefba383b 0x911a4649 0xf90ad7b9 0x38383b77 0x9204df8f 0x5b0489ee 0xa4506ceb 0xee826d54
t=62 0xed09697d 0x84956dbd 0x1ba58008 0x2142025a 0xe12f882a 0xefba383b 0x911a4649 0xf90ad7b9 0xff565171 0xa28e2edd 0xbef9a3f7 0x1cfaf8b5
t=63 0xa1e4804e 0xed09697d 0x84956dbd 0x1ba58008 0x209853cb 0xe12f882a 0xefba383b 0x911a4649 0xc7d4f61b 0xdd927f2d 0xc67178f2 0x674f76d1
t=final 0xa5677548 0xa1e4804e 0xed09697d 0x84956dbd 0xe37a7623 0x209853cb 0xe12f882a 0xefba383b
h before 0x6a09e667 0xbb67ae85 0x3c6ef372 0xa54ff53a 0x510e527f 0x9b05688c 0x1f83d9ab 0x5be0cd19
h after 0xf715baf 0x5d4c2ed3 0x29785cef 0x29e562f7 0x3488c8a2 0xbb9dbc57 0xb361d5 0x4b9b0554
SHA-256 Hash: 0f715baf5d4c2ed329785cef29e562f73488c8a2bb9dbc5700b361d54b9b0554

Process finished with exit code 0