```
############################################################

  Secure Hash Algorithm
    Message Digest Length = 384

############################################################


One Block Message Sample

  Input Message: "abc"

=============================================================

Initial hash value:
  H[0] = CBBB9D5DC1059ED8
  H[1] = 629A292A367CD507
  H[2] = 9159015A3070DD17
  H[3] = 152FECD8F70E5939
  H[4] = 67332667FFC00B31
  H[5] = 8EB44A8768581511
  H[6] = DB0C2E0D64F98FA7
  H[7] = 47B5481DBEFA4FA4


=============================================================

Block Contents:
  W[0] = 6162638000000000
  W[1] = 0000000000000000
  W[2] = 0000000000000000
  W[3] = 0000000000000000
  W[4] = 0000000000000000
  W[5] = 0000000000000000
  W[6] = 0000000000000000
  W[7] = 0000000000000000
  W[8] = 0000000000000000
  W[9] = 0000000000000000
  W[10] = 0000000000000000
  W[11] = 0000000000000000
  W[12] = 0000000000000000
  W[13] = 0000000000000000
  W[14] = 0000000000000000
  W[15] = 0000000000000018
```

	A/E	B/F	C/G	D/H
t= 0:	470994AD30873F88	CBBB9D5DC1059ED8	629A292A367CD507	9159015A3070DD17
	BD03F724BE6075F9	67332667FFC00B31	8EB44A8768581511	DB0C2E0D64F98FA7
t= 1:	2E91230306A12AE0	470994AD30873F88	CBBB9D5DC1059ED8	629A292A367CD507
	5E1B4E1695372B9E	BD03F724BE6075F9	67332667FFC00B31	8EB44A8768581511
t= 2:	EEBE5D379BE707AD	2E91230306A12AE0	470994AD30873F88	CBBB9D5DC1059ED8
	54074A65AEF34336	5E1B4E1695372B9E	BD03F724BE6075F9	67332667FFC00B31
t= 3:	E308483153E15AD6	EEBE5D379BE707AD	2E91230306A12AE0	470994AD30873F88
	086C5B2D36A89178	54074A65AEF34336	5E1B4E1695372B9E	BD03F724BE6075F9
t= 4:	3A7A023C593D8479	E308483153E15AD6	EEBE5D379BE707AD	2E91230306A12AE0
	8AA1144850633794	086C5B2D36A89178	54074A65AEF34336	5E1B4E1695372B9E
t= 5:	333199A85F92B052	3A7A023C593D8479	E308483153E15AD6	EEBE5D379BE707AD
	7A6316F0EF047CE7	8AA1144850633794	086C5B2D36A89178	54074A65AEF34336
t= 6:	76F0741213DD2EF6	333199A85F92B052	3A7A023C593D8479	E308483153E15AD6

```
           74063CBA385F0675   7A6316F0EF047CE7   8AA1144850633794   086C5B2D36A89178
t= 7: 02F2A04D3AAB1629   76F0741213DD2EF6   333199A85F92B052   3A7A023C593D8479
           1688B9BF14980FC0   74063CBA385F0675   7A6316F0EF047CE7   8AA1144850633794
t= 8: 73E5B2A1704A0349   02F2A04D3AAB1629   76F0741213DD2EF6   333199A85F92B052
           FD00139F705907D0   1688B9BF14980FC0   74063CBA385F0675   7A6316F0EF047CE7
t= 9: BF3F67BA12882648   73E5B2A1704A0349   02F2A04D3AAB1629   76F0741213DD2EF6
           652E311D4F0A4257   FD00139F705907D0   1688B9BF14980FC0   74063CBA385F0675
t=10: 33254508BB2EA48D   BF3F67BA12882648   73E5B2A1704A0349   02F2A04D3AAB1629
           9E18991C4F39F0BA   652E311D4F0A4257   FD00139F705907D0   1688B9BF14980FC0
t=11: C1FDB2A0205EA0E5   33254508BB2EA48D   BF3F67BA12882648   73E5B2A1704A0349
           04732E8BC4044582   9E18991C4F39F0BA   652E311D4F0A4257   FD00139F705907D0
t=12: 185F9FF038A50F39   C1FDB2A0205EA0E5   33254508BB2EA48D   BF3F67BA12882648
           8B4ACFC4D2B8AFE6   04732E8BC4044582   9E18991C4F39F0BA   652E311D4F0A4257
t=13: E5F06744C0D7563A   185F9FF038A50F39   C1FDB2A0205EA0E5   33254508BB2EA48D
           2FA93D1CE9523015   8B4ACFC4D2B8AFE6   04732E8BC4044582   9E18991C4F39F0BA
t=14: 7E32DC0E9F414783   E5F06744C0D7563A   185F9FF038A50F39   C1FDB2A0205EA0E5
           3A9950AAA5E75884   2FA93D1CE9523015   8B4ACFC4D2B8AFE6   04732E8BC4044582
t=15: 1EAB6159AE87EF6D   7E32DC0E9F414783   E5F06744C0D7563A   185F9FF038A50F39
           153B895CFBC436C5   3A9950AAA5E75884   2FA93D1CE9523015   8B4ACFC4D2B8AFE6
t=16: 33EF2CEBBF1739AA   1EAB6159AE87EF6D   7E32DC0E9F414783   E5F06744C0D7563A
           9D1A64BAF1D366AA   153B895CFBC436C5   3A9950AAA5E75884   2FA93D1CE9523015
t=17: 7DF1B65F1B87D6CA   33EF2CEBBF1739AA   1EAB6159AE87EF6D   7E32DC0E9F414783
           5B6E369D36E8E181   9D1A64BAF1D366AA   153B895CFBC436C5   3A9950AAA5E75884
t=18: 63A24014A34BB0F6   7DF1B65F1B87D6CA   33EF2CEBBF1739AA   1EAB6159AE87EF6D
           E13E610EAE680D85   5B6E369D36E8E181   9D1A64BAF1D366AA   153B895CFBC436C5
t=19: F1AABD313309509B   63A24014A34BB0F6   7DF1B65F1B87D6CA   33EF2CEBBF1739AA
           674385F0D87DB94F   E13E610EAE680D85   5B6E369D36E8E181   9D1A64BAF1D366AA
t=20: 9BA737AE88A72C64   F1AABD313309509B   63A24014A34BB0F6   7DF1B65F1B87D6CA
           3FC2614C43906C0F   674385F0D87DB94F   E13E610EAE680D85   5B6E369D36E8E181
t=21: 042C2DC9A5BF558A   9BA737AE88A72C64   F1AABD313309509B   63A24014A34BB0F6
           19316BEBC88E01F2   3FC2614C43906C0F   674385F0D87DB94F   E13E610EAE680D85
t=22: 7799C75ACC748C0F   042C2DC9A5BF558A   9BA737AE88A72C64   F1AABD313309509B
           A7BBD65BF64F58C8   19316BEBC88E01F2   3FC2614C43906C0F   674385F0D87DB94F
t=23: CCF99A80F92BF002   7799C75ACC748C0F   042C2DC9A5BF558A   9BA737AE88A72C64
           E52A24FAE4E8FC9B   A7BBD65BF64F58C8   19316BEBC88E01F2   3FC2614C43906C0F
t=24: AE993474363EFE68   CCF99A80F92BF002   7799C75ACC748C0F   042C2DC9A5BF558A
           587F308D58681928   E52A24FAE4E8FC9B   A7BBD65BF64F58C8   19316BEBC88E01F2
t=25: 335063D1A2AEC92F   AE993474363EFE68   CCF99A80F92BF002   7799C75ACC748C0F
           C2D6D65E38C6EA79   587F308D58681928   E52A24FAE4E8FC9B   A7BBD65BF64F58C8
t=26: 53A78B0CCA01BA37   335063D1A2AEC92F   AE993474363EFE68   CCF99A80F92BF002
           3B65A26C3C92C8F3   C2D6D65E38C6EA79   587F308D58681928   E52A24FAE4E8FC9B
t=27: AB7FFA529F622930   53A78B0CCA01BA37   335063D1A2AEC92F   AE993474363EFE68
           B9D8A2F2762901EA   3B65A26C3C92C8F3   C2D6D65E38C6EA79   587F308D58681928
t=28: E428BB43AFE3D63E   AB7FFA529F622930   53A78B0CCA01BA37   335063D1A2AEC92F
           6A8527525F898726   B9D8A2F2762901EA   3B65A26C3C92C8F3   C2D6D65E38C6EA79
t=29: BBED541A5128088C   E428BB43AFE3D63E   AB7FFA529F622930   53A78B0CCA01BA37
           7973AADBDE294BE9   6A8527525F898726   B9D8A2F2762901EA   3B65A26C3C92C8F3
t=30: 4C5C38DF7EC8BAF4   BBED541A5128088C   E428BB43AFE3D63E   AB7FFA529F622930
           422CEEA0200E9EE4   7973AADBDE294BE9   6A8527525F898726   B9D8A2F2762901EA
t=31: 4BA456EC244033ED   4C5C38DF7EC8BAF4   BBED541A5128088C   E428BB43AFE3D63E
           7CF40857056D86B0   422CEEA0200E9EE4   7973AADBDE294BE9   6A8527525F898726
t=32: AA4A6AB2AC5F5DD8   4BA456EC244033ED   4C5C38DF7EC8BAF4   BBED541A5128088C
           AD2B1ECFB5BFC556   7CF40857056D86B0   422CEEA0200E9EE4   7973AADBDE294BE9
t=33: 9CB941F2CED774B3   AA4A6AB2AC5F5DD8   4BA456EC244033ED   4C5C38DF7EC8BAF4
           029F66C7B4569BF0   AD2B1ECFB5BFC556   7CF40857056D86B0   422CEEA0200E9EE4
t=34: 39265F358594DE27   9CB941F2CED774B3   AA4A6AB2AC5F5DD8   4BA456EC244033ED
           3F7B1C260C82E54F   029F66C7B4569BF0   AD2B1ECFB5BFC556   7CF40857056D86B0
t=35: 09CCA487D39B02A1   39265F358594DE27   9CB941F2CED774B3   AA4A6AB2AC5F5DD8
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          4A22B37B58A5B1B0   3F7B1C260C82E54F   029F66C7B4569BF0   AD2B1ECFB5BFC556
t=36:  D48D97CE438CF4F0   09CCA487D39B02A1   39265F358594DE27   9CB941F2CED774B3
       A239E00B8BAA0410   4A22B37B58A5B1B0   3F7B1C260C82E54F   029F66C7B4569BF0
t=37:  D6F41E25A8B634D6   D48D97CE438CF4F0   09CCA487D39B02A1   39265F358594DE27
       25755CB8179DD0B0   A239E00B8BAA0410   4A22B37B58A5B1B0   3F7B1C260C82E54F
t=38:  54078334358573B4   D6F41E25A8B634D6   D48D97CE438CF4F0   09CCA487D39B02A1
       0E419FB0802B0EFC   25755CB8179DD0B0   A239E00B8BAA0410   4A22B37B58A5B1B0
t=39:  DB24F9A03F4FFF6B   54078334358573B4   D6F41E25A8B634D6   D48D97CE438CF4F0
       D30E99B4B394B090   0E419FB0802B0EFC   25755CB8179DD0B0   A239E00B8BAA0410
t=40:  3604C53A845EFC37   DB24F9A03F4FFF6B   54078334358573B4   D6F41E25A8B634D6
       791B2B4AF7338B99   D30E99B4B394B090   0E419FB0802B0EFC   25755CB8179DD0B0
t=41:  F41B1C0EEE89BDC6   3604C53A845EFC37   DB24F9A03F4FFF6B   54078334358573B4
       E319B77D9E4E87F9   791B2B4AF7338B99   D30E99B4B394B090   0E419FB0802B0EFC
t=42:  36644AE374632E3A   F41B1C0EEE89BDC6   3604C53A845EFC37   DB24F9A03F4FFF6B
       458250878A3972B2   E319B77D9E4E87F9   791B2B4AF7338B99   D30E99B4B394B090
t=43:  88806F6AE9FCD65B   36644AE374632E3A   F41B1C0EEE89BDC6   3604C53A845EFC37
       CFDE2E6EA54FA576   458250878A3972B2   E319B77D9E4E87F9   791B2B4AF7338B99
t=44:  51DCAA36995C301D   88806F6AE9FCD65B   36644AE374632E3A   F41B1C0EEE89BDC6
       E37F778353998050   CFDE2E6EA54FA576   458250878A3972B2   E319B77D9E4E87F9
t=45:  EF5E3885A2F238DF   51DCAA36995C301D   88806F6AE9FCD65B   36644AE374632E3A
       740E347F24E18FDA   E37F778353998050   CFDE2E6EA54FA576   458250878A3972B2
t=46:  EB3753F4283F4818   EF5E3885A2F238DF   51DCAA36995C301D   88806F6AE9FCD65B
       0AE48CF840BB8BE9   740E347F24E18FDA   E37F778353998050   CFDE2E6EA54FA576
t=47:  A6998D63A5D09E04   EB3753F4283F4818   EF5E3885A2F238DF   51DCAA36995C301D
       E21095012EE0B72A   0AE48CF840BB8BE9   740E347F24E18FDA   E37F778353998050
t=48:  D3698FB64DF175B0   A6998D63A5D09E04   EB3753F4283F4818   EF5E3885A2F238DF
       C2F0B90FFCE80739   E21095012EE0B72A   0AE48CF840BB8BE9   740E347F24E18FDA
t=49:  317A3B295B991914   D3698FB64DF175B0   A6998D63A5D09E04   EB3753F4283F4818
       1CADFF2E6CB5AA4D   C2F0B90FFCE80739   E21095012EE0B72A   0AE48CF840BB8BE9
t=50:  0941DA08148BA463   317A3B295B991914   D3698FB64DF175B0   A6998D63A5D09E04
       833EB9A4BB5A073E   1CADFF2E6CB5AA4D   C2F0B90FFCE80739   E21095012EE0B72A
t=51:  494AC238D68C3D0B   0941DA08148BA463   317A3B295B991914   D3698FB64DF175B0
       80C8FC138E645028   833EB9A4BB5A073E   1CADFF2E6CB5AA4D   C2F0B90FFCE80739
t=52:  C87E9168DB9E97DE   494AC238D68C3D0B   0941DA08148BA463   317A3B295B991914
       65CF7F6A829ACA04   80C8FC138E645028   833EB9A4BB5A073E   1CADFF2E6CB5AA4D
t=53:  EDB4448879391DBB   C87E9168DB9E97DE   494AC238D68C3D0B   0941DA08148BA463
       7729C85475DD318F   65CF7F6A829ACA04   80C8FC138E645028   833EB9A4BB5A073E
t=54:  073775C2456DC7DB   EDB4448879391DBB   C87E9168DB9E97DE   494AC238D68C3D0B
       A9CCA0B6266B1D77   7729C85475DD318F   65CF7F6A829ACA04   80C8FC138E645028
t=55:  54DE8857B24AFAF7   073775C2456DC7DB   EDB4448879391DBB   C87E9168DB9E97DE
       8DE51CFF2AE4B068   A9CCA0B6266B1D77   7729C85475DD318F   65CF7F6A829ACA04
t=56:  8A9CDD80F7F09C05   54DE8857B24AFAF7   073775C2456DC7DB   EDB4448879391DBB
       A60BA5E9EBAEB96A   8DE51CFF2AE4B068   A9CCA0B6266B1D77   7729C85475DD318F
t=57:  3EEB22A7524D8D7F   8A9CDD80F7F09C05   54DE8857B24AFAF7   073775C2456DC7DB
       E2E6830B139DF58F   A60BA5E9EBAEB96A   8DE51CFF2AE4B068   A9CCA0B6266B1D77
t=58:  0ED77C9CDE8883D3   3EEB22A7524D8D7F   8A9CDD80F7F09C05   54DE8857B24AFAF7
       38413A2052387A9E   E2E6830B139DF58F   A60BA5E9EBAEB96A   8DE51CFF2AE4B068
t=59:  E64E4135F9D30DBC   0ED77C9CDE8883D3   3EEB22A7524D8D7F   8A9CDD80F7F09C05
       45B640454C75C349   38413A2052387A9E   E2E6830B139DF58F   A60BA5E9EBAEB96A
t=60:  1CA93A293D544328   E64E4135F9D30DBC   0ED77C9CDE8883D3   3EEB22A7524D8D7F
       EFBEF83A35C0319E   45B640454C75C349   38413A2052387A9E   E2E6830B139DF58F
t=61:  3DC764F89E54043A   1CA93A293D544328   E64E4135F9D30DBC   0ED77C9CDE8883D3
       A57784945550CF94   EFBEF83A35C0319E   45B640454C75C349   38413A2052387A9E
t=62:  56FB5883F1C87A05   3DC764F89E54043A   1CA93A293D544328   E64E4135F9D30DBC
       F5198A41EB80E022   A57784945550CF94   EFBEF83A35C0319E   45B640454C75C349
t=63:  24A1124262A331C7   56FB5883F1C87A05   3DC764F89E54043A   1CA93A293D544328
       06EDACAE6E7B54AD   F5198A41EB80E022   A57784945550CF94   EFBEF83A35C0319E
t=64:  EB85D19201C89694   24A1124262A331C7   56FB5883F1C87A05   3DC764F89E54043A
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        9CED24983EEC8723   06EDACAE6E7B54AD   F5198A41EB80E022   A57784945550CF94
t=65:   CC981AB3A59C1DB4   EB85D19201C89694   24A1124262A331C7   56FB5883F1C87A05
        EAC5516336BC8882   9CED24983EEC8723   06EDACAE6E7B54AD   F5198A41EB80E022
t=66:   CEEF5D997E148B44   CC981AB3A59C1DB4   EB85D19201C89694   24A1124262A331C7
        617BBF70BB165212   EAC5516336BC8882   9CED24983EEC8723   06EDACAE6E7B54AD
t=67:   689EDF608A8E3F14   CEEF5D997E148B44   CC981AB3A59C1DB4   EB85D19201C89694
        3280D88472C100FD   617BBF70BB165212   EAC5516336BC8882   9CED24983EEC8723
t=68:   1E6E0255AB88079F   689EDF608A8E3F14   CEEF5D997E148B44   CC981AB3A59C1DB4
        F2001138439902B1   3280D88472C100FD   617BBF70BB165212   EAC5516336BC8882
t=69:   8C5D3B7FDAD66E70   1E6E0255AB88079F   689EDF608A8E3F14   CEEF5D997E148B44
        90D18EC8B69F0345   F2001138439902B1   3280D88472C100FD   617BBF70BB165212
t=70:   32E5ED8655871E9B   8C5D3B7FDAD66E70   1E6E0255AB88079F   689EDF608A8E3F14
        51105F6241313777   90D18EC8B69F0345   F2001138439902B1   3280D88472C100FD
t=71:   BCD5061679BE7336   32E5ED8655871E9B   8C5D3B7FDAD66E70   1E6E0255AB88079F
        454B99F654443AD0   51105F6241313777   90D18EC8B69F0345   F2001138439902B1
t=72:   E7D913B6678E78EF   BCD5061679BE7336   32E5ED8655871E9B   8C5D3B7FDAD66E70
        1FF613B5AA63776E   454B99F654443AD0   51105F6241313777   90D18EC8B69F0345
t=73:   E6B8CB8DFA3475AB   E7D913B6678E78EF   BCD5061679BE7336   32E5ED8655871E9B
        2E75F34303D39BB0   1FF613B5AA63776E   454B99F654443AD0   51105F6241313777
t=74:   FDD4A30E168C4AE5   E6B8CB8DFA3475AB   E7D913B6678E78EF   BCD5061679BE7336
        83A35DBE2A64FC26   2E75F34303D39BB0   1FF613B5AA63776E   454B99F654443AD0
t=75:   12AEB6268DFA3E14   FDD4A30E168C4AE5   E6B8CB8DFA3475AB   E7D913B6678E78EF
        F660943B276786F7   83A35DBE2A64FC26   2E75F34303D39BB0   1FF613B5AA63776E
t=76:   055B73814CF102B4   12AEB6268DFA3E14   FDD4A30E168C4AE5   E6B8CB8DFA3475AB
        C4B149710F5D6A71   F660943B276786F7   83A35DBE2A64FC26   2E75F34303D39BB0
t=77:   95D33150DE6DF44C   055B73814CF102B4   12AEB6268DFA3E14   FDD4A30E168C4AE5
        C7F7BFF08EBF0D30   C4B149710F5D6A71   F660943B276786F7   83A35DBE2A64FC26
t=78:   5306143F64497B00   95D33150DE6DF44C   055B73814CF102B4   12AEB6268DFA3E14
        CA06A219CC701096   C7F7BFF08EBF0D30   C4B149710F5D6A71   F660943B276786F7
t=79:   FF44D7E1849DBFB3   5306143F64497B00   95D33150DE6DF44C   055B73814CF102B4
        1952E0C3A227C0F2   CA06A219CC701096   C7F7BFF08EBF0D30   C4B149710F5D6A71
```

```
H[0] = CBBB9D5DC1059ED8 + FF44D7E2849DBFB3 = CB00753F45A35E8B
H[1] = 629A292A367CD507 + 5306143F64497B00 = B5A03D699AC65007
H[2] = 9159015A3070DD17 + 95D33151DE6DF44C = 272C32AB0EDED163
H[3] = 152FECD8F70E5939 + 055B73824CF102B4 = 1A8B605A43FF5BED
H[4] = 67332667FFC00B31 + 1952E0C4A227C0F2 = 8086072BA1E7CC23
H[5] = 8EB44A8768581511 + CA06A21ACC701096 = 58BAECA134C825A7
H[6] = DB0C2E0D64F98FA7 + C7F7BFF08EBF0D30 = A303EDFDF3B89CD7
H[7] = 47B5481DBEFA4FA4 + C4B149718EBF0D30 = 0C66918ECE57BA15
```

Message Digest is
        CB00753F 45A35E8B B5A03D69 9AC65007 272C32AB 0EDED163
        1A8B605A 43FF5BED 8086072B A1E7CC23 58BAECA1 34C825A7

==

Two Block Message Sample

Input Message:

"abcdefghbcdefghicdefghijdefghijkefghijklfghijklmghijklmnhijklmnoijklmnopjklmnopqklmnopqrl
mnopqrsmnopqrstnopqrstu"

==

```
Initial hash value:
  H[0] = CBBB9D5DC1059ED8
  H[1] = 629A292A367CD507
  H[2] = 9159015A3070DD17
  H[3] = 152FECD8F70E5939
  H[4] = 67332667FFC00B31
  H[5] = 8EB44A8768581511
  H[6] = DB0C2E0D64F98FA7
  H[7] = 47B5481DBEFA4FA4


============================================================

Block Contents:
  W[0]  = 6162636465666768
  W[1]  = 6263646566676869
  W[2]  = 636465666768696A
  W[3]  = 6465666768696A6B
  W[4]  = 65666768696A6B6C
  W[5]  = 666768696A6B6C6D
  W[6]  = 6768696A6B6C6D6E
  W[7]  = 68696A6B6C6D6E6F
  W[8]  = 696A6B6C6D6E6F70
  W[9]  = 6A6B6C6D6E6F7071
  W[10] = 6B6C6D6E6F707172
  W[11] = 6C6D6E6F70717273
  W[12] = 6D6E6F7071727374
  W[13] = 6E6F707172737475
  W[14] = 8000000000000000
  W[15] = 0000000000000000


              A/E               B/F               C/G               D/H
t= 0: 4709949195EDA6F0  CBBB9D5DC1059ED8  629A292A367CD507  9159015A3070DD17
       BD03F70923C6DD61  67332667FFC00B31  8EB44A8768581511  DB0C2E0D64F98FA7
t= 1: 78D3F8BC03A38303  4709949195EDA6F0  CBBB9D5DC1059ED8  629A292A367CD507
       AE067F071CD18A36  BD03F70923C6DD61  67332667FFC00B31  8EB44A8768581511
t= 2: ED59D30BEFF95306  78D3F8BC03A38303  4709949195EDA6F0  CBBB9D5DC1059ED8
       C180C7A74ED5CF1F  AE067F071CD18A36  BD03F70923C6DD61  67332667FFC00B31
t= 3: 8E7FE2ABA3168F2B  ED59D30BEFF95306  78D3F8BC03A38303  4709949195EDA6F0
       D92D19667920B327  C180C7A74ED5CF1F  AE067F071CD18A36  BD03F70923C6DD61
t= 4: 1174F9B374A9263A  8E7FE2ABA3168F2B  ED59D30BEFF95306  78D3F8BC03A38303
       DD371F2D13661C52  D92D19667920B327  C180C7A74ED5CF1F  AE067F071CD18A36
t= 5: 27AAAFB7FBEF806B  1174F9B374A9263A  8E7FE2ABA3168F2B  ED59D30BEFF95306
       21AF3C6430A9AF9C  DD371F2D13661C52  D92D19667920B327  C180C7A74ED5CF1F
t= 6: B352D03A0BD34D65  27AAAFB7FBEF806B  1174F9B374A9263A  8E7FE2ABA3168F2B
       69397DE9A30E1473  21AF3C6430A9AF9C  DD371F2D13661C52  D92D19667920B327
t= 7: 412DB7F990563D7C  B352D03A0BD34D65  27AAAFB7FBEF806B  1174F9B374A9263A
       5062FD5924E2B62E  69397DE9A30E1473  21AF3C6430A9AF9C  DD371F2D13661C52
t= 8: 0F79040546E6EDF7  412DB7F990563D7C  B352D03A0BD34D65  27AAAFB7FBEF806B
       6B6C511B25A6BDBC  5062FD5924E2B62E  69397DE9A30E1473  21AF3C6430A9AF9C
t= 9: EBF02410F67B8EE7  0F79040546E6EDF7  412DB7F990563D7C  B352D03A0BD34D65
       DAC695B91543AE80  6B6C511B25A6BDBC  5062FD5924E2B62E  69397DE9A30E1473
t=10: 97AA05D89B8DBE6D  EBF02410F67B8EE7  0F79040546E6EDF7  412DB7F990563D7C
       83B8B72646C0B598  DAC695B91543AE80  6B6C511B25A6BDBC  5062FD5924E2B62E
t=11: 23D0A36B692118EB  97AA05D89B8DBE6D  EBF02410F67B8EE7  0F79040546E6EDF7
       A5F6C5155E221E8C  83B8B72646C0B598  DAC695B91543AE80  6B6C511B25A6BDBC
t=12: E1041368D2FCA1A2  23D0A36B692118EB  97AA05D89B8DBE6D  EBF02410F67B8EE7
       AE01675BFB003180  A5F6C5155E221E8C  83B8B72646C0B598  DAC695B91543AE80
```

```
t=13: 45BD6F69EFEC540D   E1041368D2FCA1A2   23D0A36B692118EB   97AA05D89B8DBE6D
      C35CC50C1CF7EF98   AE01675BFB003180   A5F6C5155E221E8C   83B8B72646C0B598
t=14: C237FA23ABB9BC16   45BD6F69EFEC540D   E1041368D2FCA1A2   23D0A36B692118EB
      A16C4F134B28923E   C35CC50C1CF7EF98   AE01675BFB003180   A5F6C5155E221E8C
t=15: B4092DF1C0F81853   C237FA23ABB9BC16   45BD6F69EFEC540D   E1041368D2FCA1A2
      008178E17FA649F2   A16C4F134B28923E   C35CC50C1CF7EF98   AE01675BFB003180
t=16: 21E5C91D11809C13   B4092DF1C0F81853   C237FA23ABB9BC16   45BD6F69EFEC540D
      A26DFA04ED8C9B63   008178E17FA649F2   A16C4F134B28923E   C35CC50C1CF7EF98
t=17: 2C957137CD4304A5   21E5C91D11809C13   B4092DF1C0F81853   C237FA23ABB9BC16
      6BE210614B10949B   A26DFA04ED8C9B63   008178E17FA649F2   A16C4F134B28923E
t=18: 2180E61AFE322BC7   2C957137CD4304A5   21E5C91D11809C13   B4092DF1C0F81853
      76396996200065F7   6BE210614B10949B   A26DFA04ED8C9B63   008178E17FA649F2
t=19: F2911C11C96E5FF5   2180E61AFE322BC7   2C957137CD4304A5   21E5C91D11809C13
      1BC2160F4F3711DC   76396996200065F7   6BE210614B10949B   A26DFA04ED8C9B63
t=20: 5EAB10B19A5143A8   F2911C11C96E5FF5   2180E61AFE322BC7   2C957137CD4304A5
      98D2B19D201F2BB6   1BC2160F4F3711DC   76396996200065F7   6BE210614B10949B
t=21: 29C5348D87CD5590   5EAB10B19A5143A8   F2911C11C96E5FF5   2180E61AFE322BC7
      4324C8CACCF7753C   98D2B19D201F2BB6   1BC2160F4F3711DC   76396996200065F7
t=22: 33C6B4A0166B7C9C   29C5348D87CD5590   5EAB10B19A5143A8   F2911C11C96E5FF5
      D49CEF5BD2DEC121   4324C8CACCF7753C   98D2B19D201F2BB6   1BC2160F4F3711DC
t=23: 1DB4EE606D2A7A96   33C6B4A0166B7C9C   29C5348D87CD5590   5EAB10B19A5143A8
      B17D15B397521AB3   D49CEF5BD2DEC121   4324C8CACCF7753C   98D2B19D201F2BB6
t=24: 5CEF5B2F00142660   1DB4EE606D2A7A96   33C6B4A0166B7C9C   29C5348D87CD5590
      789E540F22E13932   B17D15B397521AB3   D49CEF5BD2DEC121   4324C8CACCF7753C
t=25: FF74F4A162435903   5CEF5B2F00142660   1DB4EE606D2A7A96   33C6B4A0166B7C9C
      6C0BE33DCC6E7572   789E540F22E13932   B17D15B397521AB3   D49CEF5BD2DEC121
t=26: 41740B736E9676A9   FF74F4A162435903   5CEF5B2F00142660   1DB4EE606D2A7A96
      D8E401251592DA6C   6C0BE33DCC6E7572   789E540F22E13932   B17D15B397521AB3
t=27: 931059FE9279FF1D   41740B736E9676A9   FF74F4A162435903   5CEF5B2F00142660
      7F31116887EEA596   D8E401251592DA6C   6C0BE33DCC6E7572   789E540F22E13932
t=28: 356D08D982E2EAD4   931059FE9279FF1D   41740B736E9676A9   FF74F4A162435903
      40C28C34B1BBE906   7F31116887EEA596   D8E401251592DA6C   6C0BE33DCC6E7572
t=29: 89DC825E7235C74B   356D08D982E2EAD4   931059FE9279FF1D   41740B736E9676A9
      7A499AE05DA50BF2   40C28C34B1BBE906   7F31116887EEA596   D8E401251592DA6C
t=30: 97901F333E662FDC   89DC825E7235C74B   356D08D982E2EAD4   931059FE9279FF1D
      4472B2E331DDFAB4   7A499AE05DA50BF2   40C28C34B1BBE906   7F31116887EEA596
t=31: 69C8F40EB38B6022   97901F333E662FDC   89DC825E7235C74B   356D08D982E2EAD4
      177589502DD39AA2   4472B2E331DDFAB4   7A499AE05DA50BF2   40C28C34B1BBE906
t=32: 4920943FFE52B207   69C8F40EB38B6022   97901F333E662FDC   89DC825E7235C74B
      6B813A0D0CDF4991   177589502DD39AA2   4472B2E331DDFAB4   7A499AE05DA50BF2
t=33: B4CB0DF332D108AB   4920943FFE52B207   69C8F40EB38B6022   97901F333E662FDC
      8FE3D28097F18618   6B813A0D0CDF4991   177589502DD39AA2   4472B2E331DDFAB4
t=34: E7748FBF744A5240   B4CB0DF332D108AB   4920943FFE52B207   69C8F40EB38B6022
      0D7AB03208F1D7A5   8FE3D28097F18618   6B813A0D0CDF4991   177589502DD39AA2
t=35: 7416CA18D9E265E0   E7748FBF744A5240   B4CB0DF332D108AB   4920943FFE52B207
      11200C2D47C082F8   0D7AB03208F1D7A5   8FE3D28097F18618   6B813A0D0CDF4991
t=36: 75476F5456E82F9C   7416CA18D9E265E0   E7748FBF744A5240   B4CB0DF332D108AB
      3024702447F76224   11200C2D47C082F8   0D7AB03208F1D7A5   8FE3D28097F18618
t=37: F638A568B53A2F8F   75476F5456E82F9C   7416CA18D9E265E0   E7748FBF744A5240
      6217C1C02153302C   3024702447F76224   11200C2D47C082F8   0D7AB03208F1D7A5
t=38: C418F6F90602C79A   F638A568B53A2F8F   75476F5456E82F9C   7416CA18D9E265E0
      87F0901C227ADBB3   6217C1C02153302C   3024702447F76224   11200C2D47C082F8
t=39: 4F1F4F21DF3DCF43   C418F6F90602C79A   F638A568B53A2F8F   75476F5456E82F9C
      FB7C63FCDDF4A1C2   87F0901C227ADBB3   6217C1C02153302C   3024702447F76224
t=40: 13EB82E4B98D0E67   4F1F4F21DF3DCF43   C418F6F90602C79A   F638A568B53A2F8F
      FB6C0E54D48D4F2D   FB7C63FCDDF4A1C2   87F0901C227ADBB3   6217C1C02153302C
t=41: 820E75046567BACE   13EB82E4B98D0E67   4F1F4F21DF3DCF43   C418F6F90602C79A
      B16A9397472F0123   FB6C0E54D48D4F2D   FB7C63FCDDF4A1C2   87F0901C227ADBB3
```

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t=42: 741FA5DC290DD02C  820E75046567BACE  13EB82E4B98D0E67  4F1F4F21DF3DCF43
      ED40C88214823792  B16A9397472F0123  FB6C0E54D48D4F2D  FB7C63FCDDF4A1C2
t=43: A4809BF6DA6AA8BD  741FA5DC290DD02C  820E75046567BACE  13EB82E4B98D0E67
      BEC3D7E88C855194  ED40C88214823792  B16A9397472F0123  FB6C0E54D48D4F2D
t=44: D70B1AA4C800979C  A4809BF6DA6AA8BD  741FA5DC290DD02C  820E75046567BACE
      4962F310BDBD54B0  BEC3D7E88C855194  ED40C88214823792  B16A9397472F0123
t=45: 9A195492CFDB4745  D70B1AA4C800979C  A4809BF6DA6AA8BD  741FA5DC290DD02C
      2C82D09CF05CF687  4962F310BDBD54B0  BEC3D7E88C855194  ED40C88214823792
t=46: B7E68364F07F017E  9A195492CFDB4745  D70B1AA4C800979C  A4809BF6DA6AA8BD
      2A1FFB84031B1B6C  2C82D09CF05CF687  4962F310BDBD54B0  BEC3D7E88C855194
t=47: 0E574B8E0B35E452  B7E68364F07F017E  9A195492CFDB4745  D70B1AA4C800979C
      29BDAB29EE472A23  2A1FFB84031B1B6C  2C82D09CF05CF687  4962F310BDBD54B0
t=48: C176009CF82FA842  0E574B8E0B35E452  B7E68364F07F017E  9A195492CFDB4745
      CCA47FBE31B335F4  29BDAB29EE472A23  2A1FFB84031B1B6C  2C82D09CF05CF687
t=49: 5D4F78C7A9BDBED2  C176009CF82FA842  0E574B8E0B35E452  B7E68364F07F017E
      EAF198615E99FFDC  CCA47FBE31B335F4  29BDAB29EE472A23  2A1FFB84031B1B6C
t=50: 51AB3BE828D8D13C  5D4F78C7A9BDBED2  C176009CF82FA842  0E574B8E0B35E452
      BD527CD188FB59AE  EAF198615E99FFDC  CCA47FBE31B335F4  29BDAB29EE472A23
t=51: 4D639EF80D0F6D3E  51AB3BE828D8D13C  5D4F78C7A9BDBED2  C176009CF82FA842
      B2611B90F90D732F  BD527CD188FB59AE  EAF198615E99FFDC  CCA47FBE31B335F4
t=52: BBA9C9EFE0FBC6C8  4D639EF80D0F6D3E  51AB3BE828D8D13C  5D4F78C7A9BDBED2
      FC0579337591A2C9  B2611B90F90D732F  BD527CD188FB59AE  EAF198615E99FFDC
t=53: 3405D7CAD2E8A689  BBA9C9EFE0FBC6C8  4D639EF80D0F6D3E  51AB3BE828D8D13C
      0F6649F64EC8E109  FC0579337591A2C9  B2611B90F90D732F  BD527CD188FB59AE
t=54: EA54D908505798B3  3405D7CAD2E8A689  BBA9C9EFE0FBC6C8  4D639EF80D0F6D3E
      EF48A48999108077  0F6649F64EC8E109  FC0579337591A2C9  B2611B90F90D732F
t=55: BE31D1C0CCC143BC  EA54D908505798B3  3405D7CAD2E8A689  BBA9C9EFE0FBC6C8
      4FC2D4CAD0C91AFC  EF48A48999108077  0F6649F64EC8E109  FC0579337591A2C9
t=56: 285A76D23F6A0073  BE31D1C0CCC143BC  EA54D908505798B3  3405D7CAD2E8A689
      A730855599B738A3  4FC2D4CAD0C91AFC  EF48A48999108077  0F6649F64EC8E109
t=57: A714CEFF14BEBC24  285A76D23F6A0073  BE31D1C0CCC143BC  EA54D908505798B3
      53C581DAE1831D80  A730855599B738A3  4FC2D4CAD0C91AFC  EF48A48999108077
t=58: 697CA14913A50A26  A714CEFF14BEBC24  285A76D23F6A0073  BE31D1C0CCC143BC
      34D39344354AACD2  53C581DAE1831D80  A730855599B738A3  4FC2D4CAD0C91AFC
t=59: 3A38FA3775D7007C  697CA14913A50A26  A714CEFF14BEBC24  285A76D23F6A0073
      E26F3A21E9A27691  34D39344354AACD2  53C581DAE1831D80  A730855599B738A3
t=60: 44EA14D8E450C844  3A38FA3775D7007C  697CA14913A50A26  A714CEFF14BEBC24
      5319374FB88DD485  E26F3A21E9A27691  34D39344354AACD2  53C581DAE1831D80
t=61: 0928B75C925F91E2  44EA14D8E450C844  3A38FA3775D7007C  697CA14913A50A26
      79F4BE3C5A372911  5319374FB88DD485  E26F3A21E9A27691  34D39344354AACD2
t=62: 6DB5469FA19C0E27  0928B75C925F91E2  44EA14D8E450C844  3A38FA3775D7007C
      16BEEC0FEC168E79  79F4BE3C5A372911  5319374FB88DD485  E26F3A21E9A27691
t=63: 384E3159898A7362  6DB5469FA19C0E27  0928B75C925F91E2  44EA14D8E450C844
      55FA3AD1102298A8  16BEEC0FEC168E79  79F4BE3C5A372911  5319374FB88DD485
t=64: 483C64D3FDEBF828  384E3159898A7362  6DB5469FA19C0E27  0928B75C925F91E2
      1A238431921EA75E  55FA3AD1102298A8  16BEEC0FEC168E79  79F4BE3C5A372911
t=65: C9464988A1939BCF  483C64D3FDEBF828  384E3159898A7362  6DB5469FA19C0E27
      E3F3F08AC90F86CD  1A238431921EA75E  55FA3AD1102298A8  16BEEC0FEC168E79
t=66: 98BC93BCA795059C  C9464988A1939BCF  483C64D3FDEBF828  384E3159898A7362
      9E04FB49A5FD91DE  E3F3F08AC90F86CD  1A238431921EA75E  55FA3AD1102298A8
t=67: B6FC101AD1D74E20  98BC93BCA795059C  C9464988A1939BCF  483C64D3FDEBF828
      FD13CD3620F6C1F4  9E04FB49A5FD91DE  E3F3F08AC90F86CD  1A238431921EA75E
t=68: FAC26E6E4DA4705D  B6FC101AD1D74E20  98BC93BCA795059C  C9464988A1939BCF
      0D60228AA6E55B6E  FD13CD3620F6C1F4  9E04FB49A5FD91DE  E3F3F08AC90F86CD
t=69: 2A630C58CC27FCAA  FAC26E6E4DA4705D  B6FC101AD1D74E20  98BC93BCA795059C
      A2F7F27A3EC25ABA  0D60228AA6E55B6E  FD13CD3620F6C1F4  9E04FB49A5FD91DE
t=70: 159A02D4FAEE11B4  2A630C58CC27FCAA  FAC26E6E4DA4705D  B6FC101AD1D74E20
      B2860FC55BDEDAA6  A2F7F27A3EC25ABA  0D60228AA6E55B6E  FD13CD3620F6C1F4
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t=71: 9D38BDB9DF22B557   159A02D4FAEE11B4   2A630C58CC27FCAA   FAC26E6E4DA4705D
      DFC37C68AF65F8BC   B2860FC55BDEDAA6   A2F7F27A3EC25ABA   0D60228AA6E55B6E
t=72: D42C3A57CFA78513   9D38BDB9DF22B557   159A02D4FAEE11B4   2A630C58CC27FCAA
      BB56DEA6A325BA32   DFC37C68AF65F8BC   B2860FC55BDEDAA6   A2F7F27A3EC25ABA
t=73: ABAB4B0CA75A17C7   D42C3A57CFA78513   9D38BDB9DF22B557   159A02D4FAEE11B4
      9AC71D1C037A8BBD   BB56DEA6A325BA32   DFC37C68AF65F8BC   B2860FC55BDEDAA6
t=74: 500F7B61186F6C2E   ABAB4B0CA75A17C7   D42C3A57CFA78513   9D38BDB9DF22B557
      8347F5736531B3EC   9AC71D1C037A8BBD   BB56DEA6A325BA32   DFC37C68AF65F8BC
t=75: 4ABE0AF6A67DB2FE   500F7B61186F6C2E   ABAB4B0CA75A17C7   D42C3A57CFA78513
      14E986342DDCED0F   8347F5736531B3EC   9AC71D1C037A8BBD   BB56DEA6A325BA32
t=76: E1053FC85F9E56BE   4ABE0AF6A67DB2FE   500F7B61186F6C2E   ABAB4B0CA75A17C7
      4779767CC2EC5321   14E986342DDCED0F   8347F5736531B3EC   9AC71D1C037A8BBD
t=77: 7001201948FB3D71   E1053FC85F9E56BE   4ABE0AF6A67DB2FE   500F7B61186F6C2E
      5CDF6C58FC052572   4779767CC2EC5321   14E986342DDCED0F   8347F5736531B3EC
t=78: 88146DA76FF6F23A   7001201948FB3D71   E1053FC85F9E56BE   4ABE0AF6A67DB2FE
      8901CFFE7A74DB98   5CDF6C58FC052572   4779767CC2EC5321   14E986342DDCED0F
t=79: 5EC3802B9ECFEF33   88146DA76FF6F23A   7001201948FB3D71   E1053FC85F9E56BE
      5F2EEAD69EFB4233   8901CFFE7A74DB98   5CDF6C58FC052572   4779767CC2EC5321

H[0] = CBBB9D5DC1059ED8 + 5EC3802C9ECFEF33 = 2A7F1D895FD58E0B
H[1] = 629A292A367CD507 + 88146DA76FF6F23A = EAAE96D1A673C741
H[2] = 9159015A3070DD17 + 7001201948FB3D71 = 015A2173796C1A88
H[3] = 152FECD8F70E5939 + E1053FC95F9E56BE = F6352CA156ACAFF7
H[4] = 67332667FFC00B31 + 5F2EEAD79EFB4233 = C662113E9EBB4D64
H[5] = 8EB44A8768581511 + 8901CFFE7A74DB98 = 17B61A85E2CCF0A9
H[6] = DB0C2E0D64F98FA7 + 5CDF6C59FC052572 = 37EB9A6660FEB519
H[7] = 47B5481DBEFA4FA4 + 4779767DFC052572 = 8F2EBE9A81E6A2C5


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Block Contents:
  W[0]  = 0000000000000000
  W[1]  = 0000000000000000
  W[2]  = 0000000000000000
  W[3]  = 0000000000000000
  W[4]  = 0000000000000000
  W[5]  = 0000000000000000
  W[6]  = 0000000000000000
  W[7]  = 0000000000000000
  W[8]  = 0000000000000000
  W[9]  = 0000000000000000
  W[10] = 0000000000000000
  W[11] = 0000000000000000
  W[12] = 0000000000000000
  W[13] = 0000000000000000
  W[14] = 0000000000000000
  W[15] = 0000000000000380

          A/E                B/F                C/G                D/H
t= 0: 657A3C2CA9639D40   2A7F1D895FD58E0B   EAAE96D1A673C741   015A2173796C1A88
      791F2AD0055FDD62   C662113E9EBB4D64   17B61A85E2CCF0A9   37EB9A6660FEB519
t= 1: 2A4AD5D9B9FD6D86   657A3C2CA9639D40   2A7F1D895FD58E0B   EAAE96D1A673C741
      DBF2E656B5BE3F14   791F2AD0055FDD62   C662113E9EBB4D64   17B61A85E2CCF0A9
t= 2: F0AA6758653D1664   2A4AD5D9B9FD6D86   657A3C2CA9639D40   2A7F1D895FD58E0B
      6E0466C82F4FD35D   DBF2E656B5BE3F14   791F2AD0055FDD62   C662113E9EBB4D64
t= 3: 43A76F011A73D317   F0AA6758653D1664   2A4AD5D9B9FD6D86   657A3C2CA9639D40
      1367BD36D15E8B40   6E0466C82F4FD35D   DBF2E656B5BE3F14   791F2AD0055FDD62
t= 4: D802C2DFD7CC48F6   43A76F011A73D317   F0AA6758653D1664   2A4AD5D9B9FD6D86
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        F73D759B839A2A21    1367BD36D15E8B40    6E0466C82F4FD35D    DBF2E656B5BE3F14
t= 5:   481208E5E8314602    D802C2DFD7CC48F6    43A76F011A73D317    F0AA6758653D1664
        6B2271A46F14C843    F73D759B839A2A21    1367BD36D15E8B40    6E0466C82F4FD35D
t= 6:   AF9F8112DF35CF33    481208E5E8314602    D802C2DFD7CC48F6    43A76F011A73D317
        257F4A7D524D7B0B    6B2271A46F14C843    F73D759B839A2A21    1367BD36D15E8B40
t= 7:   6730781342D1131B    AF9F8112DF35CF33    481208E5E8314602    D802C2DFD7CC48F6
        81957AD408CEC995    257F4A7D524D7B0B    6B2271A46F14C843    F73D759B839A2A21
t= 8:   82E64C677356A82E    6730781342D1131B    AF9F8112DF35CF33    481208E5E8314602
        10B62FDCE4EBAA51    81957AD408CEC995    257F4A7D524D7B0B    6B2271A46F14C843
t= 9:   203578820A8F27D0    82E64C677356A82E    6730781342D1131B    AF9F8112DF35CF33
        9937B3A0CB9248A1    10B62FDCE4EBAA51    81957AD408CEC995    257F4A7D524D7B0B
t=10:   0BAC2A84C29A1E2B    203578820A8F27D0    82E64C677356A82E    6730781342D1131B
        6AD288DAB3DE0D53    9937B3A0CB9248A1    10B62FDCE4EBAA51    81957AD408CEC995
t=11:   DD3FF8A140485C25    0BAC2A84C29A1E2B    203578820A8F27D0    82E64C677356A82E
        3149B728123C465E    6AD288DAB3DE0D53    9937B3A0CB9248A1    10B62FDCE4EBAA51
t=12:   E826239F830C5346    DD3FF8A140485C25    0BAC2A84C29A1E2B    203578820A8F27D0
        4BB7B199C4CED186    3149B728123C465E    6AD288DAB3DE0D53    9937B3A0CB9248A1
t=13:   32215CE49AAE40F8    E826239F830C5346    DD3FF8A140485C25    0BAC2A84C29A1E2B
        9A2872C72D790D49    4BB7B199C4CED186    3149B728123C465E    6AD288DAB3DE0D53
t=14:   859533BAC457F94E    32215CE49AAE40F8    E826239F830C5346    DD3FF8A140485C25
        539F225D25EBEB4C    9A2872C72D790D49    4BB7B199C4CED186    3149B728123C465E
t=15:   A88704D9962849F3    859533BAC457F94E    32215CE49AAE40F8    E826239F830C5346
        63BF0472EF24F7A5    539F225D25EBEB4C    9A2872C72D790D49    4BB7B199C4CED186
t=16:   3AA5C566A6CFAD1C    A88704D9962849F3    859533BAC457F94E    32215CE49AAE40F8
        CE23F6380EAD33C2    63BF0472EF24F7A5    539F225D25EBEB4C    9A2872C72D790D49
t=17:   2E9C483A7C08C9C1    3AA5C566A6CFAD1C    A88704D9962849F3    859533BAC457F94E
        B033F945F3E6B4A2    CE23F6380EAD33C2    63BF0472EF24F7A5    539F225D25EBEB4C
t=18:   5A68585AE0835231    2E9C483A7C08C9C1    3AA5C566A6CFAD1C    A88704D9962849F3
        8A0187A9CE93D875    B033F945F3E6B4A2    CE23F6380EAD33C2    63BF0472EF24F7A5
t=19:   CF9CD481E6407CED    5A68585AE0835231    2E9C483A7C08C9C1    3AA5C566A6CFAD1C
        37A29FA30531BAC7    8A0187A9CE93D875    B033F945F3E6B4A2    CE23F6380EAD33C2
t=20:   3F463F864F6474D9    CF9CD481E6407CED    5A68585AE0835231    2E9C483A7C08C9C1
        0CF45BB3C07E847D    37A29FA30531BAC7    8A0187A9CE93D875    B033F945F3E6B4A2
t=21:   CEA26288DFF931A5    3F463F864F6474D9    CF9CD481E6407CED    5A68585AE0835231
        34F1B5F46BF48A73    0CF45BB3C07E847D    37A29FA30531BAC7    8A0187A9CE93D875
t=22:   89634CD0F4F6C08A    CEA26288DFF931A5    3F463F864F6474D9    CF9CD481E6407CED
        3A728A543405A8E4    34F1B5F46BF48A73    0CF45BB3C07E847D    37A29FA30531BAC7
t=23:   625FA38464E5C880    89634CD0F4F6C08A    CEA26288DFF931A5    3F463F864F6474D9
        CEE1B47A49B2FC42    3A728A543405A8E4    34F1B5F46BF48A73    0CF45BB3C07E847D
t=24:   7DD21453A15A3B92    625FA38464E5C880    89634CD0F4F6C08A    CEA26288DFF931A5
        9308BFA1BE1F800B    CEE1B47A49B2FC42    3A728A543405A8E4    34F1B5F46BF48A73
t=25:   3D76277BC8CB0601    7DD21453A15A3B92    625FA38464E5C880    89634CD0F4F6C08A
        480E017F5D1F0B1E    9308BFA1BE1F800B    CEE1B47A49B2FC42    3A728A543405A8E4
t=26:   C8D904196F5A1F54    3D76277BC8CB0601    7DD21453A15A3B92    625FA38464E5C880
        4BD2F1F6E940C332    480E017F5D1F0B1E    9308BFA1BE1F800B    CEE1B47A49B2FC42
t=27:   B033139B58B6E423    C8D904196F5A1F54    3D76277BC8CB0601    7DD21453A15A3B92
        F816EC1CBE0ADAFB    4BD2F1F6E940C332    480E017F5D1F0B1E    9308BFA1BE1F800B
t=28:   097768182CB65F57    B033139B58B6E423    C8D904196F5A1F54    3D76277BC8CB0601
        62E3DE54DCD8F974    F816EC1CBE0ADAFB    4BD2F1F6E940C332    480E017F5D1F0B1E
t=29:   3196649AB5F5CC39    097768182CB65F57    B033139B58B6E423    C8D904196F5A1F54
        F6887DE116D0BD8F    62E3DE54DCD8F974    F816EC1CBE0ADAFB    4BD2F1F6E940C332
t=30:   F78D3D221D16965F    3196649AB5F5CC39    097768182CB65F57    B033139B58B6E423
        C7E4859C2858ED3C    F6887DE116D0BD8F    62E3DE54DCD8F974    F816EC1CBE0ADAFB
t=31:   F58E9876B4984B51    F78D3D221D16965F    3196649AB5F5CC39    097768182CB65F57
        621352B394B8CA02    C7E4859C2858ED3C    F6887DE116D0BD8F    62E3DE54DCD8F974
t=32:   38FBF0E726E04F78    F58E9876B4984B51    F78D3D221D16965F    3196649AB5F5CC39
        4319856F17A0A430    621352B394B8CA02    C7E4859C2858ED3C    F6887DE116D0BD8F
t=33:   F4BE0B32A57597A2    38FBF0E726E04F78    F58E9876B4984B51    F78D3D221D16965F
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          C6D392A3B4EB0ED8    4319856F17A0A430    621352B394B8CA02    C7E4859C2858ED3C
t=34:  F8A6B3FE2E4F0634    F4BE0B32A57597A2    38FBF0E726E04F78    F58E9876B4984B51
          602663C0F34EFF33    C6D392A3B4EB0ED8    4319856F17A0A430    621352B394B8CA02
t=35:  9BC3871BE8046113    F8A6B3FE2E4F0634    F4BE0B32A57597A2    38FBF0E726E04F78
          05542ECD9883C6BA    602663C0F34EFF33    C6D392A3B4EB0ED8    4319856F17A0A430
t=36:  F1BD2D46BE619585    9BC3871BE8046113    F8A6B3FE2E4F0634    F4BE0B32A57597A2
          E47B9933BAFDC655    05542ECD9883C6BA    602663C0F34EFF33    C6D392A3B4EB0ED8
t=37:  24C84B58D119AFFE    F1BD2D46BE619585    9BC3871BE8046113    F8A6B3FE2E4F0634
          5AE0B1175BEB5D2B    E47B9933BAFDC655    05542ECD9883C6BA    602663C0F34EFF33
t=38:  EC6D3ABC2B291FD3    24C84B58D119AFFE    F1BD2D46BE619585    9BC3871BE8046113
          9ECC381D277748A3    5AE0B1175BEB5D2B    E47B9933BAFDC655    05542ECD9883C6BA
t=39:  E266C1F77D5EE90E    EC6D3ABC2B291FD3    24C84B58D119AFFE    F1BD2D46BE619585
          D92F34C110296B32    9ECC381D277748A3    5AE0B1175BEB5D2B    E47B9933BAFDC655
t=40:  5ADBAA463642B570    E266C1F77D5EE90E    EC6D3ABC2B291FD3    24C84B58D119AFFE
          83E8F410F859388E    D92F34C110296B32    9ECC381D277748A3    5AE0B1175BEB5D2B
t=41:  50FDB7BB2E499A34    5ADBAA463642B570    E266C1F77D5EE90E    EC6D3ABC2B291FD3
          257ED8EA645E933A    83E8F410F859388E    D92F34C110296B32    9ECC381D277748A3
t=42:  06514212BB7FA152    50FDB7BB2E499A34    5ADBAA463642B570    E266C1F77D5EE90E
          466781DB35181ABE    257ED8EA645E933A    83E8F410F859388E    D92F34C110296B32
t=43:  673ED5A55FF2B07D    06514212BB7FA152    50FDB7BB2E499A34    5ADBAA463642B570
          BA78F3545E7914F0    466781DB35181ABE    257ED8EA645E933A    83E8F410F859388E
t=44:  125E2E5118393E2B    673ED5A55FF2B07D    06514212BB7FA152    50FDB7BB2E499A34
          4453B23A3E13B090    BA78F3545E7914F0    466781DB35181ABE    257ED8EA645E933A
t=45:  07EE813DF5910CEC    125E2E5118393E2B    673ED5A55FF2B07D    06514212BB7FA152
          EAE013A0510D23CC    4453B23A3E13B090    BA78F3545E7914F0    466781DB35181ABE
t=46:  0A0508F0A1D719C3    07EE813DF5910CEC    125E2E5118393E2B    673ED5A55FF2B07D
          A93815EB58891016    EAE013A0510D23CC    4453B23A3E13B090    BA78F3545E7914F0
t=47:  0FC8F3B3EFCB1B96    0A0508F0A1D719C3    07EE813DF5910CEC    125E2E5118393E2B
          A071CC73B966E801    A93815EB58891016    EAE013A0510D23CC    4453B23A3E13B090
t=48:  02AA5B28199F304A    0FC8F3B3EFCB1B96    0A0508F0A1D719C3    07EE813DF5910CEC
          A49F1E14F8A2BE7A    A071CC73B966E801    A93815EB58891016    EAE013A0510D23CC
t=49:  9223E1B34382F104    02AA5B28199F304A    0FC8F3B3EFCB1B96    0A0508F0A1D719C3
          BFE2106E512A7331    A49F1E14F8A2BE7A    A071CC73B966E801    A93815EB58891016
t=50:  E01A1E47EE8D5656    9223E1B34382F104    02AA5B28199F304A    0FC8F3B3EFCB1B96
          592B899B35469A78    BFE2106E512A7331    A49F1E14F8A2BE7A    A071CC73B966E801
t=51:  FA7B17AAD857C2F4    E01A1E47EE8D5656    9223E1B34382F104    02AA5B28199F304A
          EB6E85E4682C1671    592B899B35469A78    BFE2106E512A7331    A49F1E14F8A2BE7A
t=52:  0C523B7A3C84AB77    FA7B17AAD857C2F4    E01A1E47EE8D5656    9223E1B34382F104
          B5E80E871AC0C005    EB6E85E4682C1671    592B899B35469A78    BFE2106E512A7331
t=53:  C773D8B69DA1FDE2    0C523B7A3C84AB77    FA7B17AAD857C2F4    E01A1E47EE8D5656
          BE2B0602FC6F8F65    B5E80E871AC0C005    EB6E85E4682C1671    592B899B35469A78
t=54:  C6B1BC79A4F23679    C773D8B69DA1FDE2    0C523B7A3C84AB77    FA7B17AAD857C2F4
          C80BDC57F38A05E4    BE2B0602FC6F8F65    B5E80E871AC0C005    EB6E85E4682C1671
t=55:  BEF9BB0FE467FD60    C6B1BC79A4F23679    C773D8B69DA1FDE2    0C523B7A3C84AB77
          1DAB0BD116E434E5    C80BDC57F38A05E4    BE2B0602FC6F8F65    B5E80E871AC0C005
t=56:  8E3DB3E380EC7F22    BEF9BB0FE467FD60    C6B1BC79A4F23679    C773D8B69DA1FDE2
          32EF50751734FFEE    1DAB0BD116E434E5    C80BDC57F38A05E4    BE2B0602FC6F8F65
t=57:  1003EC42412C7B7D    8E3DB3E380EC7F22    BEF9BB0FE467FD60    C6B1BC79A4F23679
          1EC0D46F349FD058    32EF50751734FFEE    1DAB0BD116E434E5    C80BDC57F38A05E4
t=58:  375FACC76291F85E    1003EC42412C7B7D    8E3DB3E380EC7F22    BEF9BB0FE467FD60
          59C8BC0488F9768B    1EC0D46F349FD058    32EF50751734FFEE    1DAB0BD116E434E5
t=59:  BD113D92E0354FB9    375FACC76291F85E    1003EC42412C7B7D    8E3DB3E380EC7F22
          E66C73DB3FAD397D    59C8BC0488F9768B    1EC0D46F349FD058    32EF50751734FFEE
t=60:  2F61D4FD8E36D9D4    BD113D92E0354FB9    375FACC76291F85E    1003EC42412C7B7D
          E9F21933E1C02948    E66C73DB3FAD397D    59C8BC0488F9768B    1EC0D46F349FD058
t=61:  1B1AD88B92701AE2    2F61D4FD8E36D9D4    BD113D92E0354FB9    375FACC76291F85E
          6FD0C1719BCAC335    E9F21933E1C02948    E66C73DB3FAD397D    59C8BC0488F9768B
t=62:  93D09FC06A19C5DA    1B1AD88B92701AE2    2F61D4FD8E36D9D4    BD113D92E0354FB9
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        B765273F571A571E    6FD0C1719BCAC335    E9F21933E1C02948    E66C73DB3FAD397D
t=63:   04BEA2CE99CC3BF6    93D09FC06A19C5DA    1B1AD88B92701AE2    2F61D4FD8E36D9D4
        6AB0E443C2F63714    B765273F571A571E    6FD0C1719BCAC335    E9F21933E1C02948
t=64:   02EBFC0A13492F52    04BEA2CE99CC3BF6    93D09FC06A19C5DA    1B1AD88B92701AE2
        77300C52E05AF415    6AB0E443C2F63714    B765273F571A571E    6FD0C1719BCAC335
t=65:   1BF525ABCE8D6F04    02EBFC0A13492F52    04BEA2CE99CC3BF6    93D09FC06A19C5DA
        8FAF12C33BB371B9    77300C52E05AF415    6AB0E443C2F63714    B765273F571A571E
t=66:   B6A36A3431547328    1BF525ABCE8D6F04    02EBFC0A13492F52    04BEA2CE99CC3BF6
        FA8BB40B4E08100F    8FAF12C33BB371B9    77300C52E05AF415    6AB0E443C2F63714
t=67:   FFDAF83202AF0D72    B6A36A3431547328    1BF525ABCE8D6F04    02EBFC0A13492F52
        8045A82F723A9B4E    FA8BB40B4E08100F    8FAF12C33BB371B9    77300C52E05AF415
t=68:   12737373D2985232    FFDAF83202AF0D72    B6A36A3431547328    1BF525ABCE8D6F04
        870DBCE23BAD8988    8045A82F723A9B4E    FA8BB40B4E08100F    8FAF12C33BB371B9
t=69:   6189F68162B256B5    12737373D2985232    FFDAF83202AF0D72    B6A36A3431547328
        8C059AF157146580    870DBCE23BAD8988    8045A82F723A9B4E    FA8BB40B4E08100F
t=70:   20B0A9A1D21C482D    6189F68162B256B5    12737373D2985232    FFDAF83202AF0D72
        F22B874C96785EC8    8C059AF157146580    870DBCE23BAD8988    8045A82F723A9B4E
t=71:   EF6D863C2127B394    20B0A9A1D21C482D    6189F68162B256B5    12737373D2985232
        B7AEE28337D69DAB    F22B874C96785EC8    8C059AF157146580    870DBCE23BAD8988
t=72:   D3EFE8B442689074    EF6D863C2127B394    20B0A9A1D21C482D    6189F68162B256B5
        22491AB9CDECB6B0    B7AEE28337D69DAB    F22B874C96785EC8    8C059AF157146580
t=73:   4694354944A9F487    D3EFE8B442689074    EF6D863C2127B394    20B0A9A1D21C482D
        659890A5818D0C50    22491AB9CDECB6B0    B7AEE28337D69DAB    F22B874C96785EC8
t=74:   B93C2403773DD08C    4694354944A9F487    D3EFE8B442689074    EF6D863C2127B394
        88C2C2AC52C4F679    659890A5818D0C50    22491AB9CDECB6B0    B7AEE28337D69DAB
t=75:   025848E3AB6B69D3    B93C2403773DD08C    4694354944A9F487    D3EFE8B442689074
        750DA3D4E16A1B64    88C2C2AC52C4F679    659890A5818D0C50    22491AB9CDECB6B0
t=76:   396B53E58D04471B    025848E3AB6B69D3    B93C2403773DD08C    4694354944A9F487
        700486BF252CBA75    750DA3D4E16A1B64    88C2C2AC52C4F679    659890A5818D0C50
t=77:   51B6F9A3C1CEEB4A    396B53E58D04471B    025848E3AB6B69D3    B93C2403773DD08C
        E6B3850DE8AE6230    700486BF252CBA75    750DA3D4E16A1B64    88C2C2AC52C4F679
t=78:   526A98F5DC595406    51B6F9A3C1CEEB4A    396B53E58D04471B    025848E3AB6B69D3
        4F0DCF74AEA76F90    E6B3850DE8AE6230    700486BF252CBA75    750DA3D4E16A1B64
t=79:   DEB3EEAA973BB9DD    526A98F5DC595406    51B6F9A3C1CEEB4A    396B53E58D04471B
        3665B5DBB6C2E055    4F0DCF74AEA76F90    E6B3850DE8AE6230    700486BF252CBA75

H[0] = 2A7F1D895FD58E0B + DEB3EEAA973BB9DD = 09330C33F71147E8
H[1] = EAAE96D1A673C741 + 526A98F6DC595406 = 3D192FC782CD1B47
H[2] = 015A2173796C1A88 + 51B6F9A4C1CEEB4A = 53111B173B3B05D2
H[3] = F6352CA156ACAFF7 + 396B53E58D04471B = 2FA08086E3B0F712
H[4] = C662113E9EBB4D64 + 3665B5DCB6C2E055 = FCC7C71A557E2DB9
H[5] = 17B61A85E2CCF0A9 + 4F0DCF75AEA76F90 = 66C3E9FA91746039
H[6] = 37EB9A6660FEB519 + E6B3850EE8AE6230 = 1E9F1F7449AD1749
H[7] = 8F2EBE9A81E6A2C5 + 700486BFE8AE6230 = FF334559A7135D3A


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Message Digest is
        09330C33 F71147E8 3D192FC7 82CD1B47 53111B17 3B3B05D2
        2FA08086 E3B0F712 FCC7C71A 557E2DB9 66C3E9FA 91746039
```