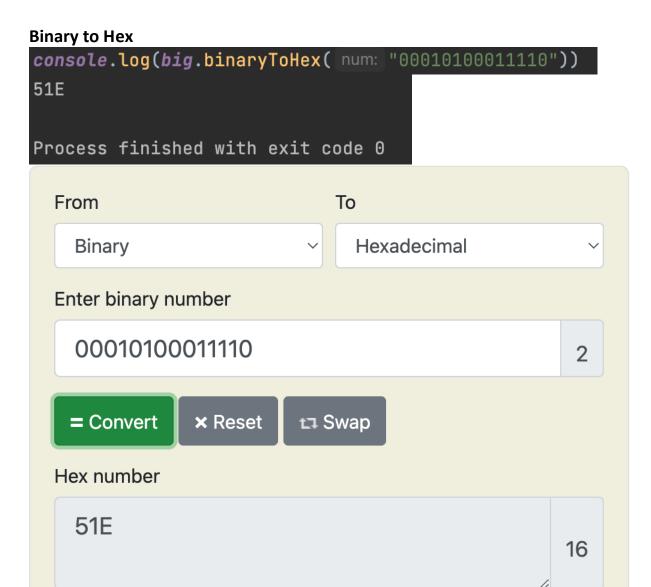
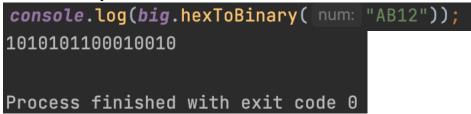
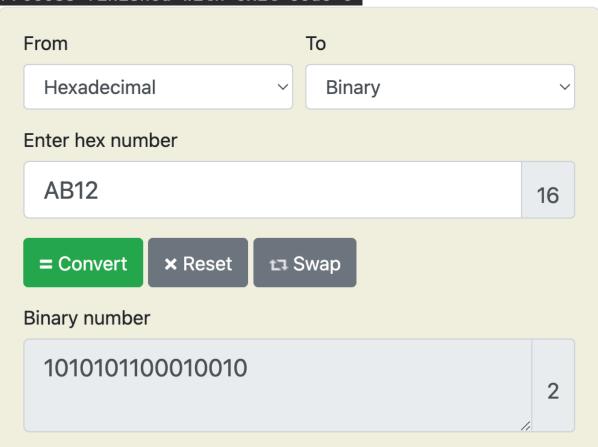
SBCA LAB_1 Yegorov FI-03



Hex to Binary





Sum of two 1024 bit numbers:

Num1:

D4D2110984907B5625309D956521BAB4157B8B1ECE04043249A3D379AC112E5B9AF44E721E1
48D88A942744CF56A06B92D28A0DB950FE4CED2B41A0BD38BCE7D0BE1055CF5DE38F2A588C2
C9A79A75011058C320A7B661C6CE1C36C7D870758307E5D2CF07D9B6E8D529779B6B2910DD1
7B6766A7EFEE215A98CAC300F2827DB

Num2:

3A7EF2554E8940FA9B93B2A5E822CC7BB262F4A14159E4318CAE3ABF5AEB1022EC6D01DEFAE 48B528868679D649B445A753684C13F6C3ADBAB059D635A2882090FC166EA9F0AAACD16A062 149E4A0952F7FAAB14A0E9D3CB0BE9200DBD3B0342496421826919148E617AF1DB66978B1FC D28F8408506B79979CCBCC7F7E5FDE7

10F51835ED319BC50C0C4503B4D44872FC7DE7FC00F5DE863D6520E3986FC3E7E8761505118C918DB31AADBEA5A054B13A25F259CD47C1FAA7DB9B76F2DB450861BA26C4794E8E3BFBC2924DE45E47E5408536E3
548A03591DA0556D595AB78C55149F45170F2CB7736A46976D1C09BFCE4DF6EAB040599AF235968F8070E25C2
ADDITION: 54.299ms

Subtraction of two 1024 bit numbers:

Num1:

87D6D58D3991D536544389CEFA72FD0EBED75B2EBDC2C79BC3717793108F0952011E7E2D704 0FFFB32F10BEB8ED0A485026B6860020B230128A8222B0525A6888942FB01C537800BF25D6F 021D4B99D3CBD6DF9055FA22F91A6CFC4FDFC408AEF78F6418D3CE4E20EC7888B61BAE3D73C 27C257CCA905DE0353C3A7CFFD9FE15

Num2:

791EDB102DA183759979CEF70E1405AF14B98CD44357EADF6A8E35E49F99BB56CBD3F68897D 6E05502ED1DE14EC46D04F96992C2D129737987E84E62371648B37633794016852A8CBFFCFD E06B17EC216AE8914D59E677A15A90361A594F0D1524A41AE63C59D343D4E522646722B0292

EB7FA7D0BF051C0BAC9BAD7EC5EF75FAA1DCE5A7A6ADCBC58E341AE70F54DFB354A87A4D86A1FA63003EE0A400C37800901D59D30E1AF87A0BFD3C8CE0F5DD5130F81C1AEB2557F32607121B233ADB260EE4E42F
C13AB57BFDCC6358674FB99D2EB493297747ADD17936651B48B8D4A94A45D2758E3C35B37956D4F71F6F61F
SUBTRACTION: 18.497ms
Process finished with exit code θ

Num1:

8703A1E982F278420C2D60CA7A0ED76C91855E3147B50357074A04EAF6515F07C1D8967674C 7577D4112652E8135D145329F0DAE738F75C35004A154F1C43449DB87B6BE0F3EBF5B3BA101 6F0A04A10C7EA76C3D30EEDB34B1E6E1009B3FF5C987FA313097485E6F8C78744E2F49DF62D 13AD204E00F731BAE0E085C353D8D75

Num2:

B3CEBC5B7F698FF87B7BED132D299F68010583247B9C9792E809ED86C07B4D65C9E83AEE308 97B0DAB7E5883EABE17B40B8F39267AC62377A6AFE0976AA0B81707282EB5FE59B66ED5EB1D 3118CA3555F3AFCC28990AB016FE5B89D9159E6BB26151C923501F69629A0D75A6C06B8D0AA 0364694DDCEDE35441E011347F85E62

/usr/local/bin/node /Users/ilyayegorov/Documents/SUCH/SBCM_LAB1/Yegorov_FI-03_Lab1/main.js
Negative Number

SUBTRACTION: 14.095ms

Process finished with exit code 0

Multiplication of two 1024 bit numbers:

Num1:

170076B15F9575D21DE39D5C429799BBCDDB867016DE2248E3CFDE73A4D70C8636A9E41ABE6 71E7B9FB4739A5FF64DF9D0D3A64E0C9B20BFE58F1C62B28477EE9FD202010BAC440ADF3CA0 16A32DB844F23DEC2AB93AE869A6262FC23C5CE419807CDBA930A5433884E3B34B22477289E D3A7712CDD4B4110BD9887E7428FDF7

Num2:

9D1C2D6E1591932F73C2F499C4E0A2E252DE828CDA7842CE0972C4101FE772B56C45C475EDD EDAEC2DBD13E375E02D2C149B69AB51FF3F94533CA34A815484EC86DACE936BDC62B5F3F9EB 6F5BE6BD253E256181D35D7D63EE24459824D462C53676E3DFF98700415ADA65FDA7CBD3B3F359C817F52BEDA70C9DD85F68473C6

E1DD0ECBC0569D86631305BDF6715FFAE730E73504AC45962E5E8A4CCA50C2D7B5D56963ECBC7B581E820835EE00B1F6F4E43072F98CA5016E51A666B575C90A2FABBAC111435C86550EFDA9C4924D9A503777A0
A1DE78C286E2FD73CAA861C3EA1E84053250CA2A235AF93C8AC105A08D3049909464394D6D16598FBAE735944C2D41C2E1F01C97428069CF3427FB8ED246CF15F163DFC385EDADF2EBE1A8900ECA0A6D6F4B3008
FF1CB371BA03EFFEE3EFAF01E13673FCECA3A93CA89CBF8ABAEEF060B773F10B174A5E13BE3831195662FABDF07153F027C9617A67D65BCFB154EA70454CA6E8CDA2B118CF8A785AF2EDCBA40BE070FADCD57D8F
26620A

SUBTRACTION: 428.761ms

Division of two 1024 bit numbers:

Num1:

170076B15F9575D21DE39D5C429799BBCDDB867016DE2248E3CFDE73A4D70C8636A9E41ABE671E7B9FB4739A5FF64DF9D0D3A64E0C9B20BFE58F1C62B28477EE9FD202010BAC440ADF3CA016A32DB844F23DEC2AB93AE869A6262FC23C5CE419807CDBA930A5433884E3B34B22477289ED3A7712CDD4B4110BD9887E7428FDF7

Num2:

9D1C2D6E1591932F73C2F499C4E0A2E252DE828CDA7842CE0972C4101FE772B56C45C475EDD EDAEC2DBD13E375E02D2C149B69AB51FF3F94533CA34A815484EC86DACE936BDC62B5F3F9EB 6F5BE6BD253E256181D35D7D63EE24459824D462C53676E3DFF98700415ADA65FDA7CBD3B3F359C817F52BEDA70C9DD85F68473C6

POW(x, y); x - 1024 bit

X:

8703A1E982F278420C2D60CA7A0ED76C91855E3147B50357074A04EAF6515F07C1D8967674C 7577D4112652E8135D145329F0DAE738F75C35004A154F1C43449DB87B6BE0F3EBF5B3BA101 6F0A04A10C7EA76C3D30EEDB34B1E6E1009B3FF5C987FA313097485E6F8C78744E2F49DF62D

Y: ABC

/usr/local/bin/node /Users/ilyayegorov/Documents/SUCH/SBCM_LAB1/Yegorov_FI-03_Lab1/main.js

E2EF082009A38B3D2500E5650D767BD616F1E1DB5777DA63F2FCBD817227E5C03F48C6C95494B8844F3258C0A5E094D74D19EFD4B3AF7719820EFF6CD0D271F51915F16319805850EE00869AC63C77EDF567EC46

486DB92C453DC00BC7FF9CBE6D824790D2E77F41E5D29E5FCF8AB64ADFFCD5F5EEB4DF8D3625E1227C27E05C07831F154FEAAF8CCA7E553103C11F808A4499D3196F917234B42EF574FF96DCA44863C12F2C051E

8AE671110F0393DE65FF6B02198CF19253AB535B2D07FA95A44F0AA4CEE16D4D53430700DA0C8D6B046024C791033C4D7DC761CCCE1335A0894D3334314C5D458D9954D043AF993A7D9570837CAA4C7307D07E89

C19D0AD1

POWER: 17.483s