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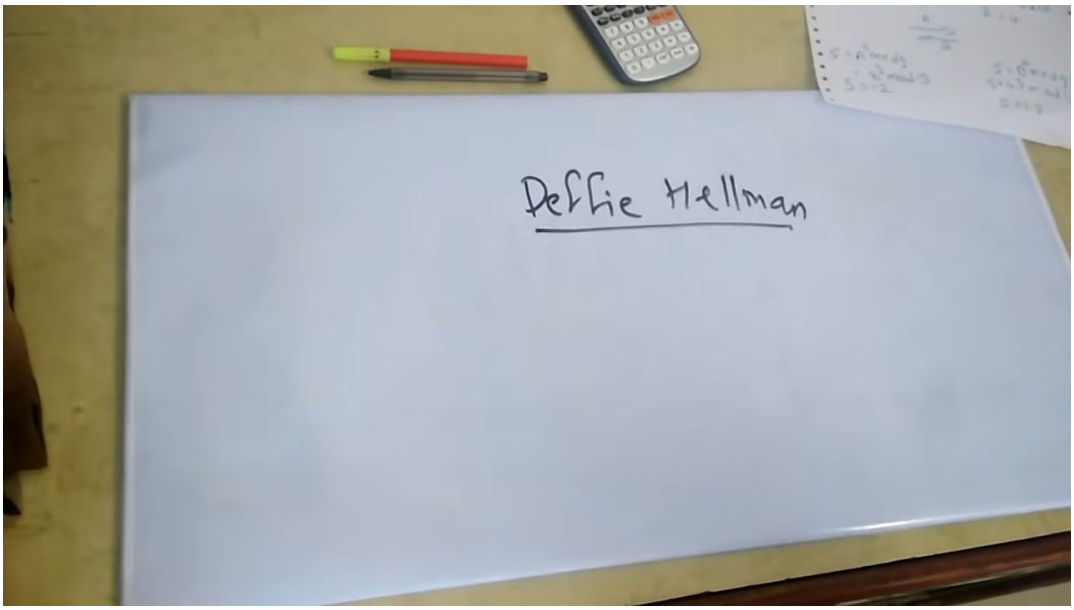
Diffie -hellman key exhange algoritm with example in Hindi | CSS series #6

Generated on December 19, 2023

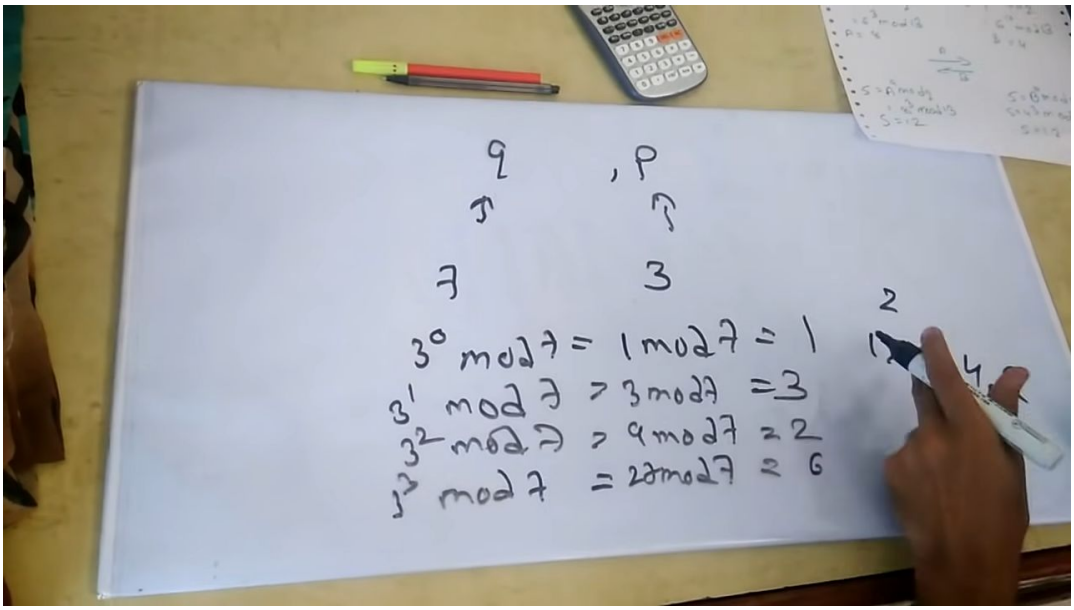
Summary

Notes	Screenshots	Bookmarks
0	6	0

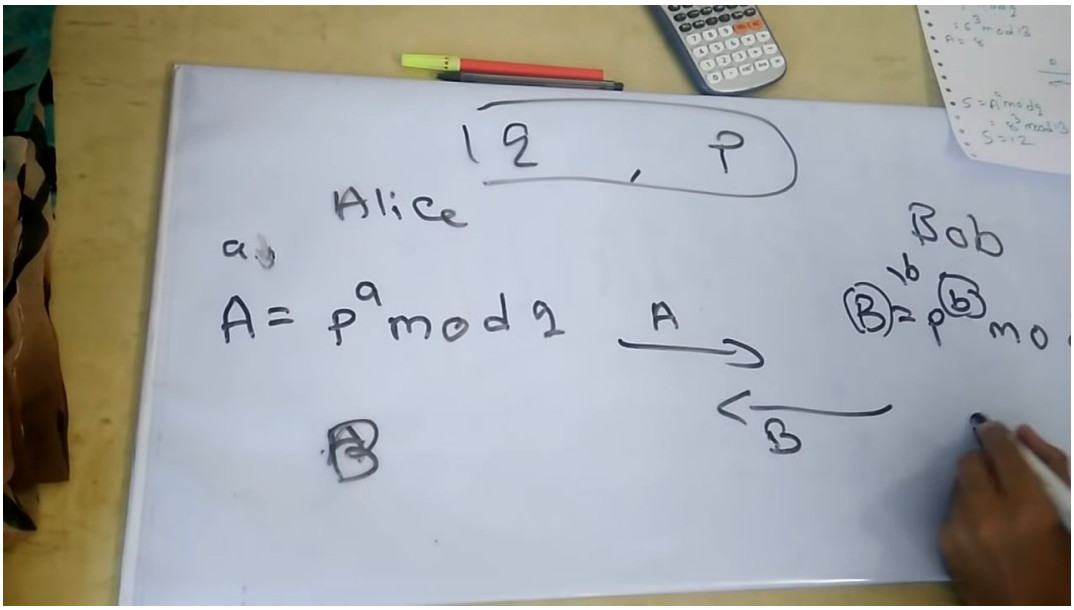


Local band, The Blue Notes, will be performing at the annual summer music festival next weekend.

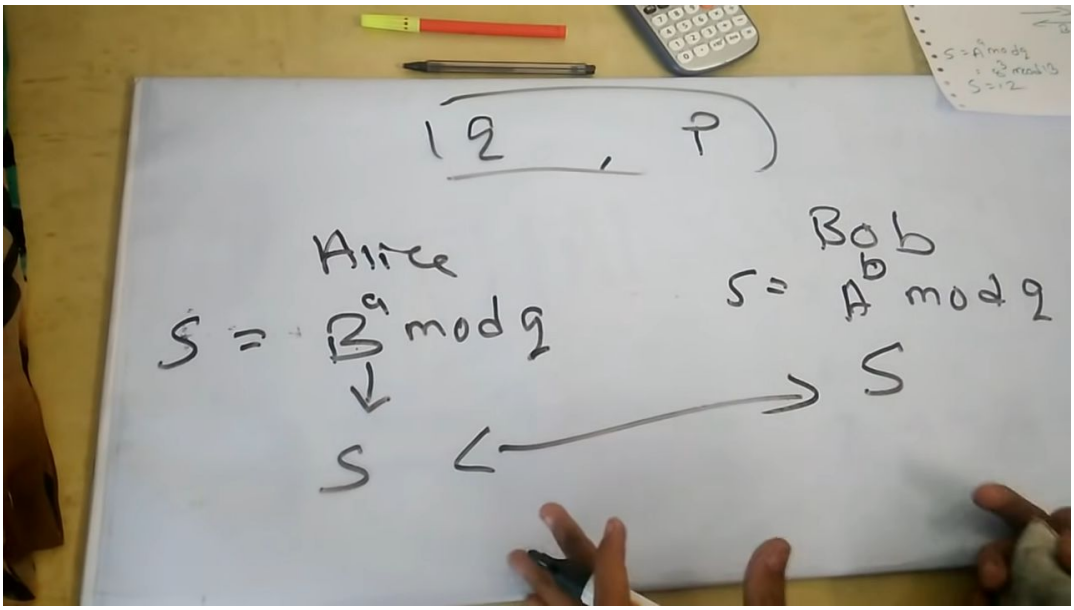
0:09


q , p
7 3
$3^0 \bmod 7 = 1 \bmod 7 = 1$
$3^1 \bmod 7 = 3 \bmod 7 = 3$
$3^2 \bmod 7 = 9 \bmod 7 = 2$
$3^3 \bmod 7 = 27 \bmod 7 = 6$

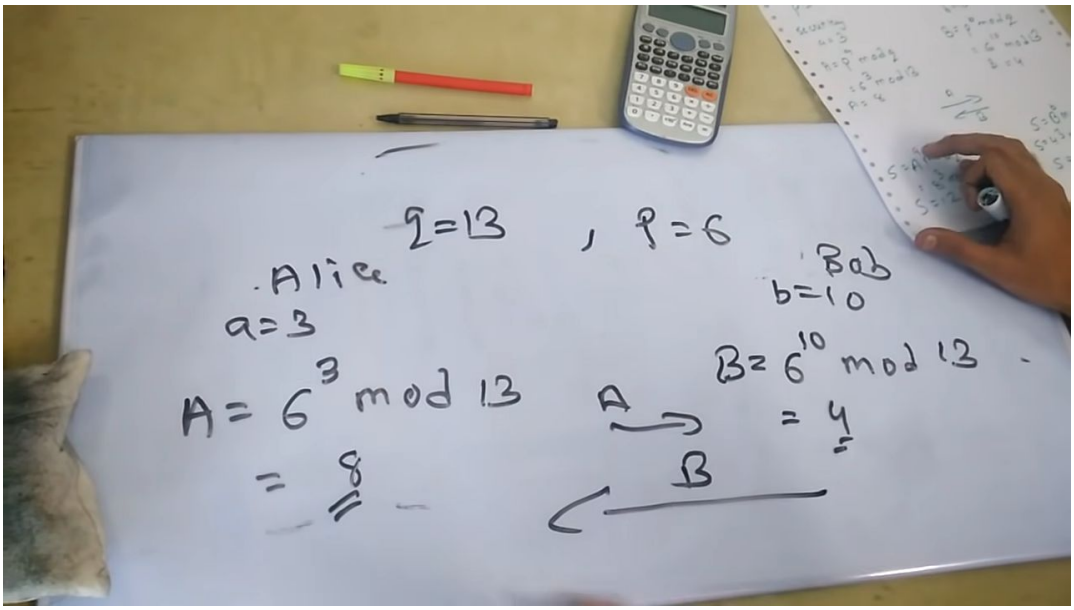
1:58


q , p
Alice
Bob
$A = p^a \bmod q$
A
B

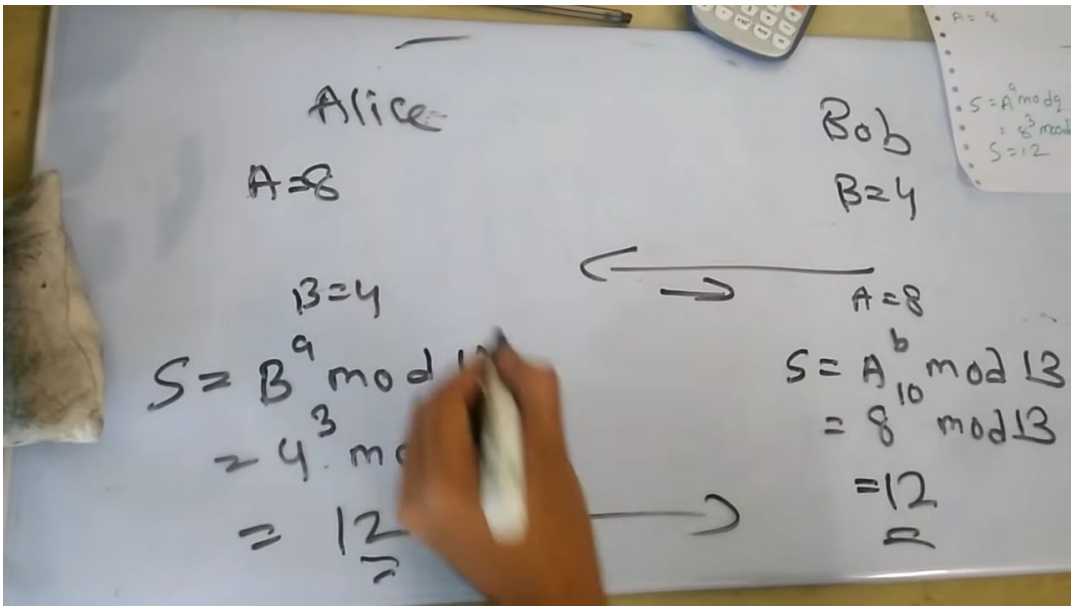
3:07


(g , p)
Alice
S = B^a mod g
S
Bob
S = A^b mod g
S

3:42


g=13 , p=6
Alice
a=3
A = 6^3 mod 13
= 8
Bob
b=10
B = 6^10 mod 13
= 4
A
B

4:56



5:52