

SERVER:

barretts: [code] % java EchoServer 9000

Client 1: Knock, knock

Server: Who's there?

Client 1: Canoe

Server: Canoe who?

Client 1: Canoe do my homework?

Server: <<<<groan>>>>

Client 1: bye

CLIENT:

barretts: [code] % java EchoClient localhost 9000

Who's there?

Canoe who?

<<<<groan>>>>

FIRST TEST

Initially a 32-bit key (4 bytes)

key is (integer) 3185209680

key (raw) is (hex) BDDA7150

base64 ciphertext:+UHC88LxQEgKq6BmdGo31UtE5HqTimlZssAZMXqSXXXt7NJLc52Fng==

TEST DECRYPTING THIS

java Decrypt 3185209680 4 :+UHC88LxQEgKq6BmdGo31UtE5HqTimlZssAZMXqSXXXt7NJLc52Fng==

key is (hex) BDDA7150

decrypted string : May good flourish; Kia hua ko te pai