

Ok for this project you've been given several codes that you need to try and decode. You'll need to research some of the most common encoding schemes used to try and break each of the codes. An experienced security expert can spot most encoding schemes very quickly, the trick is to check the character set used in the encoded message and the length of the encoded message, these will point you in the right direction. **(note: I said encoded not encrypted!)**

Encoded message 1:

YmFzZTY0IGlzlHlZlcnkgY29tbW9uIGFuZCBvZnRlbiB1c2VklHdpdGggY29va2llcyBldGMuIEl0IG9mdGVuIGhhcyBlcXVhbCBzaWduY290aGUgZW5kIGJ1dCBub3QgYWx3YXlz

Cryptic Hint: Think base

Encoded message 2: 5fcfd41e547a12215b173ff47 added 3739

Cryptic Hint: This is a popular #

Encoded message 3:

Pna lbh oryvrr Zvpbfbsg hfrq guvf gb rapbqr vgf ertvfgel inyhrf!

Cryptic Hint: unlucky for some

Encoded message 4:

(6== 5@?6[#~%cf :D 2 >F49 =6DD @7E6? FD65 6?4@5:?8 D496>6] =@< 7@C
=@ED @7 n[o 2?5 3C24<6ED 2D E96 8:G6 2H2J

Cryptic Hint: why does it have to be 13?

Encoded message 5:

R3VylHJkaG55ZiBmdnRhZiBmdWJoeXEgdXZhZyBnYmpuZXFmIG9uZnl2NCBiZSBmdnp2bnllLCBvaGcgYmFwciBndW5nIHFiZmZyBxcnBicXlgYWJlem55eWwganlgYXJycSBnYiBnZWwgbzBzcmogemJlciBiY2d2YmFmLiB2emNlcmZmdmlylGd1dmYgam5mIGlyZWwgZ2V2cHhsLCBqcml5IHFiYXlmdmEgZmJ5aXZhdCBndXZmLiAKCg==

Cryptic Hint: it doesn't have to be just once!

Encoded message 6:

zgyzhs rh Z klkfozi hfyhrgfgrlm xrksvi. EVIB DVOO WLMV LM HLOERMT GSV URMZO KILYOVN, SLKVUFOOB RG WRWM'G GZPV BLF GLL OLMT ZMW BLF VMQLBVW RG.

Cryptic Hint: noitutsib

Demonstration of your work

For this lab you will need to demonstrate (to your lab supervisor) your approach used to tackle each of the above challenges. You should have the solutions (decoding) written up and be able to very quickly demonstrate how to solve each challenge.