IBM/8CS142 COMPUTER NETWORKS LAB VIVEK RAJEEV ... SPLASH PROGRAM: 6 - ERROR DETECTION USING CRC (16 bits) CODE import hashlib def & xon (9/6): bon = rebion result = [Jabansman for i in range (1, lon (b)): if &a(c)== b[c]: whi = with 57000lt - appoind (0) olbe monult append (11) rosult '- join (result) dof mod 2 div (dividend, divisor): bick = len (divisor) and tmp = dividend To: pick while pick < len (dividend): if itmp [0] == 116: - 691010 top = 2007 (divisor, top) + dividend [pick] trop = 2007 (0' * pick, trop) + dividend [pick] Obe: bick +=1if tmp[0] == 111 top = xor (divisor, top) tmp = 207 (0'* pick, +mp) chockword = tmb network checkword dof encodeData (data, key): 0_key = on(key) appended - data = data + 'O' * (l_key-1) 1

	Page
	SPLASH
47	codeword = data + romainder
	roturn codeword
	Altania de Altania
	def decodolata (code, key):
	remainder = mod 2 div (Gode, key)
	roturn remainder
	- ((d) new (1, length of) Per
	data - infact ("ontop data = ")
1	print ("dataword = " + str (data))
7	
	Rey = "10001000000100001"
	print ("generating polynomial"
	codoward = encodoData (data, key)
	1-2 1- CUChack out -1 1 (ode corord)
	print ("transmitted codeword" + str (codeword)
	code = input ("enter transmitted codeword:")
	- Lobbe Drik & Ren (duished):
	nociered _ data = int (decode Data (code, key))
(GUI) E	phint + ((mi resimb) ray = dint
	if recieved_data = = 0:
Jary bor	but print ("no eroror").
	else:
1	print (" erorori")
	print (recieved - data)
	(gan doig to Orose and
	John bening
	65 108 304 3 104
antiquesta que entre la tentra de la compositiva de la compositiva de la compositiva de la compositiva de la c	
	- Charles Charles and I there was better
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