CYCLE-2 02) Experiment - 13 03):) Maste a program for estor detection code using CRC-CCITT (1661K) wac. dest xor (a,b): result = 17 Rez 6. in rande (7' row (P)): el ali] == pli]: result. append ('O') result append ('i') return '' - join (result) det modadent divident, denier): prok: lentdrusseror)

top: dividend (0; pice) · whele prok < len(devidend): ay tempto] = = 11 ... tmp = nor (deusor, tmp)+ devidend [pick] tmp= nor (10 + pick, Emp) + dividend [pick] , a prus, to the many to and, 24 temso] == 11: tmp = nor (devisor, tmp) +wb = son (10, * bing & coub) chellword = tmp return checkword

det encode (dasa, key); d-key = len(key) appended-data = data + 10'+ (1-key-1) remainder - mod 2 div (appended. data, key) / . mud codeword = data + remainder pront (" Remainder.", remainder) print (" encoded Data [Dasa + remainder codeword) return codeword. decode datal encoded-data, key) remainder = mod 2 de v (encod ed - data, : (dessinate) in print! " Remainder ageer decoding: ", me remainder) 27 '11 not en remainder. print (" No error detected en rueived data") prone (" Error detected en received data") 9002 - 40 mer.

عبروم بالمحط عدرالم

data = "10010010001000" Key = " 1101" encodedData(data, key) encoded - dasa = encoded Data (data decoded - data: くが、コンジスをこったコンカア井 - 11. Hilbrid Datal (N. Katalona) a land 1-141 F. C.Z. AMMEGES S output: Remainder = 11 encoded - Data (Data + Remounder) = 100100100010010010 Remarider after decording = 000 No error detected an received, & divillar a a shower ? Th (Chian) involumes as yourse 26/12/24 redraw , some herdang asticle to spend and a land of the former entropica rolly of repair of de agree · sports and ord matrices materials . KAM. OLISS M 3 . Tray nod on the state of disting and offer of the same 12 - (41 M) W 31