(Video 9) Fundamental Data Fre - Charecter Data Ordline: To a more addisinor (now) -> Overview charecter data type > Size of chanceten duta type > Range of chanceten duta type > signed vs Unsigned character. HELLOMMON Idamov --- seach chanecter 01001000 Porcentain & bit information 1 byte per charecter ASCIL XXX # include < stdio. h) mare Decimal - (0-32) non-printable control command. 33-127) printable 122 = 11010 (65-90) Capital A-2 () of 8th bit set to zeno (07-120) small a-2 (0 mas ASCII needs 48-57 number 0-9 represent

(Video 9) Tundymundol, Data Tyre - Chanceten Data Chan variable name = 1 1 1; can hold only one byte / 8 bit / one chanceter Size of (chan) signed its Unsigned change Chan variable_name = (65) will act like - character. - - 5 each changeten 00010010 10 10 mo (70 C) un rolo 2270 # include < stdio. h> Chein van = 65; Johnshale Control command ons of the tidprint (notice, your); last comment (\$ 3) = 0 mul a-2 (; 0 montestell melds Ge-57 number 0-9

more them 127 7 grands burgerall or burgers (Chanectes sintermation ls 2/4 byte interm Both com stone om de print integen soit But betten to use in require work. > Size and Range of Chancetenny 2007 1 byte = 8 bit Range March (extended Unsigned: 0 to 255 28 22 x2 x2 51gned: - 128 to 127 2's complement 8th bit -> most significal bit. (msb) A buspient C - ve order won't by any extent priore a modition the II much & bid

	-> signed vs Unsigned characters. mont mont
S.	-128 = (-27) 26 25 24 23 22 22 22 22 20 20 00 00 00 00 00 00 00
	+128 20 27 2 1 2 1 2 2 mg 2 2 mg 2 2 mg 1 100 ntoa
	oct besten to use in raquire work.
	Tou's Complement sons Stray of from look -
JUE Asce	most significations of signe change 2701 RES TO : burgianu
7.	1
	Tromoge extendion integer or 2000.
	-> Size of chanecten = 12x 1 byte -> Signed in romage = -128 to + 127 Mt8
	-> Unsigned n n = 0 to 255
-	s-ve value won't by ony extrue power
	- Thadition AscII needs 7517