I Addition of two long Integers # include (stdio.h) in clude (stallib, h) struct noole ent info; Struct NODE * link; typedel struct NODE * node; mode getnede () nodex; x = (node) malloc(size of (Struct NODE)); if (x = = NULL) print (" out of meniory \n");

Enit (0); nocle ine-front (roole first, int item) note temp; temp = get node (); temp -> linfo = item; temp -> link = first; Retien temp; node extract (char * s, node head)

int i, n; porfiz 0; i < stolen (s); i++) n = S[i] - 'O'; head = ins-front (head, n); note adollong (node head, hode head, note int temp, sum, carry = 0; node curi, curz; curi = headi; uefile (cur 1 / = NULL & & cus 2 /= NULL) temp = cull > info + cus 2 > info + carry; if (temp > 9) Sum = temp % 10; Carry = temp/10; Sum = temp; 3 Carry 20; head 3 = line-front (head 3, sum); Curi = curi -> link; page No. Cus2 = cus2 -> link;

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Jan = = NULL 88 cus 2 = = NULL) if (carry ==1) head 3 = ins-front (head 3, carry); void dyplay (node first print ("Empty \n"); Cur = first; Shile (cue! = NULL) temp = cus, 2 -> info + carry;
if printy ("'/, d \t'', cis, -> enfo);
cus, = cus, -> link; voidmain () node heads = NULL; node head 2 = NULL; nocle head 3 = NULL; Char S1 (30), S2 (30). print (" In Enter first integer "); Page No.