OUTPUT ALG GRITHM anterpolynomial 1 Enter crumber of terms: 4. 2000 December of Term 1 | Coff and Exp: 43 Term2 1 coff and Exp: 3 2 Term 3 | loff and Exp: 12 Term 41 coff and 8xp: 10 (1) + 3 = 1000 Enter Polynomial 2 Externumber of turns: 3 Term 1 Coff and Exp: 63 Term 2 Coff and Exp: 81 Term 3 | coff and Exp: 90 Poly 1 STANK - MANDERLO +42/3 + 32/2 + 122/1 + 102/0 Poly 2 +623+821+920 Polynomial Sum Not = 1 1100 = 1 1500 = 1 +1023 + 322 + 2021 + 6020

Q. Will a triggram to stoke a string leto a health which

result. Degrams execused succeptions and cotoped is

Implement polynomial addition using a singly tinked hist ALGORITHM 1. Daclase structure term, with coff, exp and pointarto next term. Q. poly Addr (poly1, poly2) 1. 9.es = lastNode = NULL 2. i=poly! ; j=poly2 3. while (i not NULL OR ) not MULL): 1. Create new Term, her Node 2. if (expati = = expaty): n new Mode - coff = 1-1coff + j-1coff 2 new Mode - eng = i -> exp 4.j=j-next 3. else if (exposis > exposis or j== null): incorrectes coff = is coff encorrected eng = is eng 3. i= i- next 4. else: 1. newwoode - coff = j- coff 2. New Node -) erp = j-) exp 3,7=j-) next 5. if (lastNode == NULL): hes = newNode 6. else: lastrode == new Mode J. lastrode=newhode 8. newNode -> next = NULL 4. neturn res.

polyRead() 1. INPUT length as len 2. i=0 ; 9cs = NULL 3. while (ichen): 1. Geate new Term, new Mode 2. INPUT coff, erop into newNode 3. if (prev==NULC): les = new Node else prev-) next = new Node frer = newNode 5. newNode -> next = NULL 6. i=i+1 4. sotusen ses. polyshow (poly) 1. P=poly 2. while (p = NULL): 1. DISPLAY Coff, exp 2. p=p-next N. mah 1. Start a. Using polyhead, get poly1 and poly2 3. Call polyAdder wing polyl and poly 2 as parametels, stole return value in paysum, 4. DISPLAY poly1, poly2, polysum using polystion. 5. End. RESULT Thoprograms is executed successfully and output

18 obtained,