	Date Two Polynomials  Addition of Two Polynomials
	Addition of Two Pargners
	Macause 0
	IL. 1 (ctdio. n)
	i la cala
	# include male,
	struct node
	\$
	float Gi
	Gloat PK;
	Ploat py;
	street hode * link;
,	F.
	treal 1 staut node * NODE;
	typedif staut node * NODE; NoDE getnode ()
	S. O
	NODE, X;
	X = (NODE) malloc (size of (struct node));
	X = (NODE) malloc (size of (struct node)); if (x = NULL)
	print (" out of memory \n"); enit (o);
	3 ent (0);
	S THE RESERVE OF THE PARTY OF T
	E Seturn X;
	NODE inset rear (flood-of, float x, float,
	Above head
	NODE temp; Cul;  Temp = getnode ():  temp -> px = y:  Page No.
	Temp = getnoole ().
	temp X of z of:
	temp -> px = y.
	Page No.

temp > flag = 6.

Cug = head > link,

while (cur > link o = head) Cur = cus -> link; temp -> link = temp; head; Setien head; roid dyplay (NODE head) NODE temp.

if (head->link = = head) perint (" Polynomial does not enist \n");
return; temp = head -> link:
while (temp 1 = head) Print ("+%5.21x^1/3.1fy^1/3.1f")

temp>cf, temp->px, temp=p)

temp=temp = temp > link; 2 print ("\n"); NODE addroy (NODE h., NODE hz, NODE hz) NODE P1, P2; int x, 1 x2 y 11 y2, cf, cf2, cf; P1=h1-> link; y2, cf, cf2, cf; while (PI ! z h)

Date \_\_\_ /\_\_ /\_ 2 pl -> px; y, = ρ, -> ργ; γς, = ρ, -> cb; ρ2 = h2 -> lik; while (p2 1 = h2) X2 = P2 -> px; y 2 = ρ2 -> ργ; of 2 = ρ2 -> cf; of (my = = x2 δδ y, = = y2) Break; 3 P2 = p2 > lnik; 45 (p2 1 zh2) ( = cf, + cf2; 12 -> flay = 1; ( f N = 0) h3 = 0 inseqt- sear ( cf, 24, 14, 14, h3); h3 = mert rear (d1, x1, y1, h3); p2 = h2 -> link; while (p2 1 = h2) if (p2-) far ==0) h3 = lingt-gear (p2 -> of, p2 -> px, p2->py, h3)

2 P2 = p2 -> link; read poly (NODE head ploat-fy;

float-ch;

print ("Enter the Colfficients as -999 to

end the polynomial \n");

for (i=1;;i++) print (" enter the of & term 'n", i)

Print (" coeff = ").

Seart (" P. 9 9, Scf);

( ( = z - 999) NODE he, hz, hz; hiz getnode (); hez getnede ();

Evaluation of a polynomia = include (stdio. h) in clude (nath, h) include ( stalib . h) include (string. h) struct node gedy struct node \*NODE; = (NODE) malloc y (X==NULU) print (" out of memory \n"). NODE temp, cus; temp = getnode (

temp->pxzx; lent -> fy zy i cus = thead -> link : while ( cus -> link != head) cus = cus -> link; cus > link = temp; temp > link = head; seturn head; NODE read-poly (NODE head) beint ("Enter the coefficients as - 999 to end
the poly nominal "n");

of (i = 1; ; i + +) plant of prepy; prints ("Enter the 1'd term n";i); print ("Coeff = ").

cant ("./.f" & cf);

if (cf = = -999) Scanf ("100 2 = "). searl (" pow y z "); count (" /.f" / sfy); head z insert rear ear (of px, py, head); 1006 foat enaluate (NODE head) loat sum=0, x, y;
NODE poly;



