```
Polynomial Add/olynomial (Polynomial P. Polynomial P2)
       P3 = (Polynomial) malloc (size of (Poly))
      P3 -> HighPower = max (P1 -> HighPower, P2 -> HighPower
for (int i=0 i< P3 -> HighPower, i++) 9
              P3 = Coefficient [i]=P1=Coefficient[i]+Pz=Coef
       return Pa
 Polynomial MultiPolynomial (Polynomial P, Polynomial P2)
        P3 = (Polynomial) malloc (size of (Polyn)
      P3 > High Power = P1 > High Power + P2 > High Power
for lint i=0; i <= P1 > High Power, i++) {
             for (int j=0; j <= Pz=HighPower ;j++) {
             P3. Coefficient [i+j]= P1-Cefficient [i]+R-Coefficien
    Polynomial Add Poly (Polynomial Pr., Polynomial P2)
P3 = (PtrToNode)malloc (size of (Poly Node));
      while (Pi!=NULL&&Pz!=MALL) {
           if (P, > Exp = = P2 = Exp) 1
                  if (P1>Coeff+P3>Coeff==0) {
                           P_i = P_i \rightarrow nex^{t}
                            Pz=Pz >next
                 elso S
```

 $P_3 \rightarrow Coeff = P_1 \rightarrow Coeff + P_2 \rightarrow Coeff$   $P_3 \rightarrow Exp = P_1 \rightarrow Exp$   $P_3 = P_3 \rightarrow next$  $P_i = P_i \rightarrow next$ P=P=next if (PI > Exp > Pz > Exp) S P3-EXP = R -> EXP P3-Coeff=P2-Coeff P3=P3-next P2 = P2=next} if (P, > Exp < R -> Exp) {  $P_3 \rightarrow E_{xp} = P_1 \rightarrow E_{xp}$   $P_3 \rightarrow Coeff = P_1 \rightarrow Coeff$   $P_3 = P_3 \rightarrow next$ B=B=next? else ? if (Pi == NULL) { P3 -> Exp= P2 -> Exp P2 -> Coeff = P2 -> Coeff if(P2== NVLL) { P3>Exp=P1>EXP 12 - Coeff = P1-76eff } else s printf ("error")

return 13 return Pz Polynomial MutPoly (Polynomial P., Polynomial P2) P3 = (PtrToNode) malloc (size of (Poly Node)) if P1==1 while (Pi!=NULL&B!=NULL) \$ temp=(Ptr To Node) malloc(size of (PolyNode))
while (Pz!=NULL) { temp=Exp=Pi=Exp+Pz=Exp. temp > Coeff = Pi > Coeff x Pz > Coeff } Add Poly (P3, temp) free (temp) else s 1Se }
Pi=Pi=next }

2 {
return Ps } else s