```
Class Graph:
clet - mit - (self, n);
   Sey, Matrix =[]
   Self. n =n
 def actol Edge (self, U, V, W);
    self. Matrix append ((W, V, W))
def printary (self, dist, sac);
  Print ("vector Table of 1)", format (chr(ord(n')+341))
 for i in range (self, n):
    Print-("(0) 1+(1)". former (chr (orcl ('A') + 1), distin)
def Belliam Ford (self, Src).
  Clip1 - [99] " ACIF -n
  olion CSMO = 0
for - mony of sey .n - 1):
    tor U, v, win bell Matrix
      if distrib sw + Custails lome els ! [ustails fi
        abotivi = clotivi tu
  self. grin 1- Arr (dist , src)
```

14alrix = (7 Paint ( "Enter no. of nocles") n = mr (infout ()) Print ("Enter adjacing Matrix") tor i in range (n); 9 = list (map (int, inpute). \$11+ (" "))) Matx x append (9) 2 = Craphin) for i in rong c(n): for j in range (n): of Matrix [i][j]==1; 21. add Edy ( (',j, 1) for - in rand s(w): X. Poin al (-)

A.F.