The second secon
ALG DIZITMA Programkota
CONST (ASI Hasia) as salan assaura
MAX_KOTA + 10
MAX_ STR + 50
Tipe to the second of the seco
NodeNama = record
nm: string
next: "noden)ama
end
Elimenkota = record
leota: string
head: "NodeNama
end (1) degri - Alle
VAR JAMES SHOW
A : array [O MAX_
nkota: integer dond (1 stocklaged 2 12 11)
PROSEDUR init Array ()
nkota + 0 ; toord : Commeltioned : 17 300
FOR I + O TO MAX-KOTA-1 DO
A [i]. kota t " "
A[i]. head + NULL
END FOR
end prosedure

FUNGSI carikota (namakota: string): integer

FOR it o TO nkota - 1 DO

IF A[i]. kota = nama kota THEN

RETURN 1

END IF

END FUR

RETURN -1

end fungsi

PROCEDURE insert Last CUAR head: "Nodervama: nama: "Iting) newNode + allocate NodeName (with france) wheeless a while

Charlet Jane also al

newNode.nm + nama

new Node . next & NULL

IF head = NULL THEN

head & newNode

ELSE

temp t head

WHILE temp. next + NULL DO

temp + temp. next is an all the second of th

END WHILE

temp. next + new Node

END IF

enub proseoure

PROSEDUR tambahkota (namakota: string)

IF nkota > MAX_KOTA THEN

PRINT "kapasitae kota penuh!"

RETURNU

END IF

A [nkota]. kota + namakota

A [nkota]. head + NULL

nkota + nkota + 1

END PROSEDUR

PROSEDUR tambah Nama (namakota, nama: etring)

idx { carikota (namakota)

(Fidx = -1 THEN)

PRINT "kota tiolak ditemukan"

RETURN

END IF

insert Last (A [idx].head, nama)

END PROSEDUR

PROSEDUR delete All (head: "Node Name)

WHILE head # NULL DO

temp + head

head + head. next

prie (temp)

END WHILE

END PROSEDURE

PROSEDUR tapuskota (ramakota : string)

idx + carikota (ramakota)

If idx = -1 THEN

PRINT "kota tidak ditemukan"

RETURN

END IF

delete All (A [idx]. head)

FOR i + idx TO nkota-2 00

A[i] + A[i+1]

END FOR

nkola + nkola - 1

PRINT "kota dan eluruh nama di hapus"

END PROSEDUR

PROSEDUR tampilList (head: "NodeNama)

temp + head

WHILE temp + NULL DO

PRINT " - " + temp. nm

temp & temp. next

END WHILE

END PROSEOUR

PROSEDUR tampilkan Semua ()

FOR i + 0 TO nkota - 1 DO

PRINT "Inkota: " + A [i] . leota

tampil List (ALi]. head)

end for

END PROSEDURE

sis BOZZ

