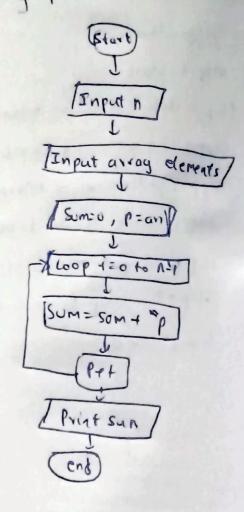
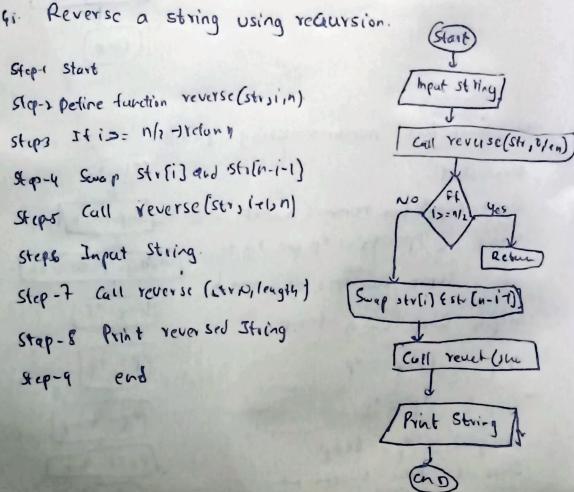
94 Sum of array elements using pointers Steps stort Stop 2 Input Size of away A Step 3 Japat A electr into arrayour Steply Initilia sou =0 slep- T Use poil or pto traven array Styp6 Add +p to som for each eleulit Step-7 Prit Sum stup-8 end



Step-1 Start Stop-2 petine function reverse (strain) steps It is = n/2 -1 return Stop-4 Somop Str[i] and istr[in-i-1) Steps Call reverse (str, 1+1,n) Steps Input String. Step-7 Call reverse (LAVA, length) Stap-8 Print reversed Iting sep-9 end



ub Fraction to check prime Stop1: Start Steps. Deline function is private) call Isprime(n) steps: Ifn = ( -) return false stepu for 1:26-nl2 -4 stepse it ny i== 0 - returnfalse steps: else return torue. stipt: input n. Loop i= 2 tom, steps: call is prime(a) and puct hos stipa - end Retu Pru Print Yesult 47 Function to return maximum of three Step-1: Start Step-1: Input abil. If ash and as( -) max: q input a,b,c Step-3: Step-41 Fise it b> ( -) man = b. Steps: Print max. (asb and asc Stipe : End. max = q nidmak

48 Print address of a variable using pointer

Stept: Start

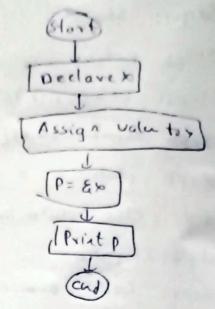
Apri rectore a variablex.

Stops. Assign some value tox

stophe Declare a pointer p= &x

sieps: Print address osing P.

Step6. end.



49. call by value and call by reference.

Hope Start

Steps: For call by Walue:

Strps: Pass a copy of varidal of text.

Stepy: Function modifies cops, Original unchanged.

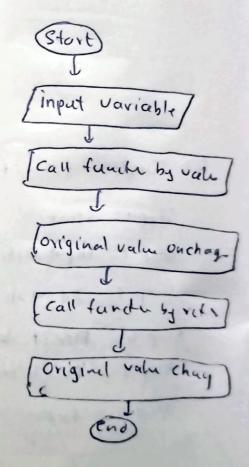
spec for cally reference:

Stept. Pass address of variable to faction.

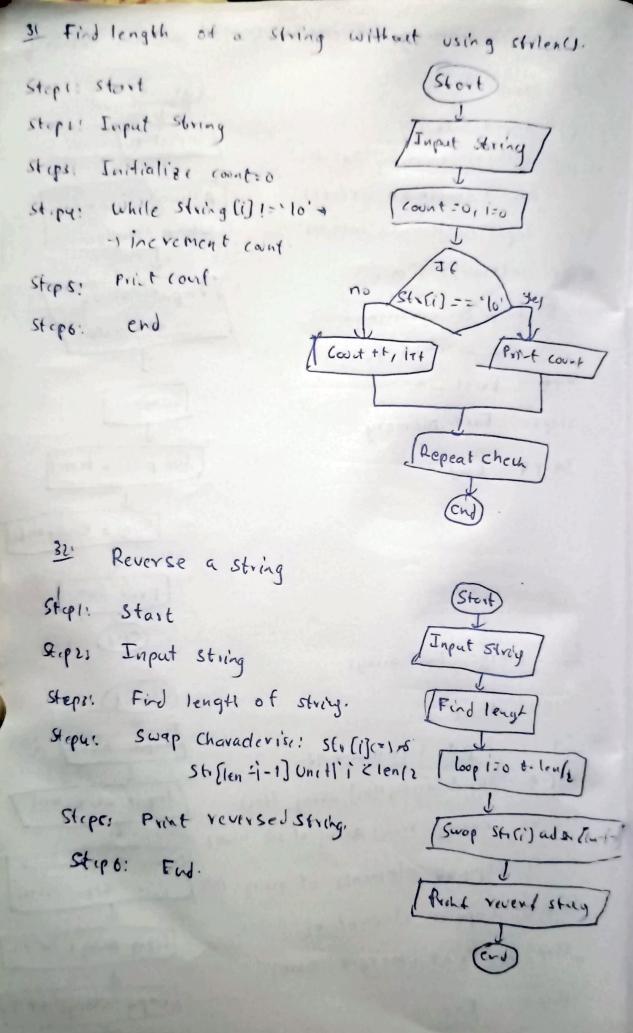
Step 6: Function modifies original

stupt: show result with prefl stalements

A. s. end.



Dynamic memory allocation (nalled) and sum of avij stept stort (Stort) Stepl: Japat Stren steps! Allocate memory dynatic are mallor(nosize of (inf)) Allocate memory Stipu: Input n elements into on Stepse initialize sum=o Input array Step 6: loop through array + elements add elemits to som Step Brint sum Somzo Steps. Free memory Stipq: End. Loop i= o ton-Sum = Sum fai. [i] Prit son 30 Merge two arrays Step-1: Start (Stort Step-22 Input size neard nz. Input ni, nz Step-g: Input array [[ni], array 2(ni). step-41 execte result array of six him! stop- (opy all elements of arrage into t Create Petalt ary of Step-6: copy all elements of auxi 5174 Step: 71 Paint Merged array. Copy array 1 Ht Staps: End Copy alvays M



check whether a string is palindrome Carp C. .... stiple I real string. apet string Fire length of string Compare still) and sk(124-1) Fird length Sty 51-If mismatch -) not palindrome. loop iso to lease Step ( -If all match - ) Palindrome. Stepa End Atoli]== Str (100-1-1) Not pali-dayed &. count vowels and consonats ina Stort stepie stipe input string. Input String Strp3. Initial ze vout o, conshere Voucis= 0 , const St. py! If vowel - ) vowels++. 2461 tise if alphabel -) coulut loop each 2. 6 Print vouls, consonauf. she ?. Fad vowel ?