obliol 23 Functions

Functions are used to break an algorithm into parts, construct each part separately and then integrate the parts to the complete algorithm.

A function is a block of organized, revable code that is used to perform a similar task of some Kind. Functions will avoid repetition of code- It is easy to debugg test and understand

functions reduces size and development time of the time program.

Notations are a system of characters, expressions, graphics or symbols used in problem solving.

process to represent technical facts.

Example: > Psuedo code > Flow chart

PSUEDO CODE

PS 1.1 READ A, B

COMPUTE Sum C ty adding A and B.

PRINT Sum C

* PSUEDO CODE is a English like language, short, readable and formally styled. Psuedo code cannot be compiled or executed. There is no standard syntax. It is used to understand the general working principle of the program. It is not a machine code-psuede code uses some Reywords.

Input -> INPUT, READ, GET, PROMPT Output -> PRINT, DISPLAY, DIOTPUT, SHOW PROCESSING -> COMPUTE, CALCULATE, DETERMINE, ADD, SUBTRACT, MUTIPLY, DIVIDE.

To initialize -> SET, ASSIGN, INITIALIESE.

Incrementing -> INCREMENT Decrementing -> DRECEMENT The keyword should be capitalised. Three control structures are used in pseudo cade.

i Sequence - The staments are executed one after another. In the same order as they are written from top to bottom.

Eg : Refer previous Page (ps 101)

Hw: Algorithm & Pseudo Code is sum of 3 hos is Averge.

Al かり D STEP 1: START

STEP 2: Read values of variable nine and m3

STEP 3: compute total = n1+n2+n2

STEP 4: Display total Compute Aug = total/3

STEP 5: Display total

STEP 6: Display Aug

STEP 7: END ON 2 DISHT - bod DOX

Ps lip 'START AND to slationing pionyous

i, ii) READ n, n2 and n3

COMPUTE the Dum of nin and na as tot

COMPUTE tot DIVIDE by 3 as Aug

DISPLAY tot

DISPLAY AUG

END.