Gr. H Raisoni College of Engineering and Hanagement, Pune F.y B. Tech (Engineering) FIRST TERH (2020-21) CAE-II (2020 Patton) Department-Information Technology (IT) Term/Cection-TermI Date of Enamination - 06/04/2021
Subject Name/Code-Computer Programming (UCOL 101)
Poll No- CTO Name-Swayam Torode CO3 1) Write and emplain the syntam of function ? Auswer: Function definition contains some block of code which assignes to perform some specific task. System of function definition: return Type function Name (type 1 argument, type 2 argument) 1 body of function when function is called, the control of the program is transfered to the function definition. The type of arguments passed to a function and the formal parameters must match, otherwise compileir will thow over.

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	The function should also return some value. The type of value returned from the function and the return type specified in the function prototype and function definition must match.
-	What is pointir. How to dellare and inthialize it?
<u>Aulwor:</u>	Apointer is a variable whose value is the address of another of the memory location.
	How to declare Douters:
	usule initializing the pointer variable, * indicates that the variable is a pointer.
	The address of any variable is given by preceding the variable name with Ampurand &.
• 4	To acces the value of a certain address stored by a pointer variable * is used.
	Ex:
	int a=10; int * ptr; // pointer dularation ptr = 2 a; // pointer initialization.
	Q.L.

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(03 3.)	write a program to display sum of two numbers by using concept of function.
Auswer?	# include < stdio in>
	int lum (int num 1, int mum 2); int main () { int num 1, num 2, res; printly (" \n Enter ble two numbers:"); &carf ("'/·d'/od", & Mum 1, & num 2); // call function Sum with two parameters
	print ("In Addition of two number is: "), rus); ruturu (0); int Sum (int num 1, int num 2).
	int mun 3; mun 3 = mun 1 + mun 2; num 3);
CO4 4)	Emplain How to dulare and initialize 1-D, 2-D array.
<u>Aurwor</u> :	One-Dimensional array is type of array in which elements are stored are on after another:
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Synton: datatype array-name [Riz]; Eq: int number [100]; // One-dimensional array. Anitializing Array: when a array is declared inside a function the elements of the array have garloge value. If an avoidy is abbot or static, to Decity elements are automatically initially do 0. Syntan: datatype array name [siz]={val1, val2, val3, -- valN}; Two-dimensional sorray: An 2-D array, to declare and accuse elements of 2-D array we use 2 subscripts instead of 1. Syston: datatype array name [ROW][(OL); Anitalizing Array (2D); There are two ways which are stated below: int disp[2][4] {

OR

int disp[2][4] = \ 1, 2, 3, 4, 5, 6, 7, 8};

CO4 5.) Write a program to read and display the elements using 1-D

Auswer: # include < Stdio. h>

int a[100], i,n;

print ("Entir size of array"); scarf ("./.d", &n);

print ("Enter 1.d elements in averay: ", n);

prints (" In Elements in array are: ");

print ("0/00", a[i]);

returno;