

## All Programs Semester | CAT | January 2022

## **Answer uploading Template**

Enrolment / Admission No. of Student	21SCSE/01/615	Name of Course	Programing for problem
Name of Student	Abhinav kumar Choudhary	Course Code	BCSDIT1003
Program	BTech, CSE	Date of Examination	16/02/21
Semester	First	Time	8:00 - 9:30
Signature of Student	Abhinay kumas a	hu	
Student shall start v	vriting from below:	<del>y</del>	

The xules that apply to a function call areiy Write the name of the function. (ii) Add parentheses () after the function's name: (iii) Inside The parentheis, add any parameters. that the function (iv) End the line with a semicolon. We can assign a structure lor class in C++ only) variable to another variable same type, when we assign a variable are copied to the other

3) #include < Stdio.h>
# include < math.b>
int main()
<u></u>
printf/"Enter a number to find factorial:");
printf ("In Factorial of a biven Number = %", fact ());
return 0;
3
int fact ()
int $i$ , fact = 1, $n$ ;
Scanf ("%d", 2n);
for(i=1,i) = n,i+t
3
fact = fact*i;
seturn fact ;
3
Output:
Enter a number to find factorial: 5
Factorial of agiven number is: 120

#include < stalio.h> #include < string.h> sterict student char name[20]; float percentage: Void func (sluct student vecord); int main () struct student vecord; strepy (recordiname, "Raju Raj"); secord percentage = 92.8; func (record); void func (struct student vecord) printf ("Id is: %d\n", recordid);
printf ("Name is: % s\n", recordiname; printf ("Percentage is: % F\n", record, percentage); Name isi Raju Raj Percentage: 92.8

```
#include stdie.h> // include stdie.h
# define ROW 2
# define COL 3
  int main ()
int i, J, are 1 [ROW][OL], are 2 [ROW][COL];
printf ("Enter first mateix: \n");
for (i = 0; e < Row; e++)
 for (J=0; j<0), j++)
 Scanf ("% d", & arr 1 [i] [J]);
 Printf ("\n Enter second matrix: \n");
for (i = 0; i < ROW; i++)
 point f ("\narr 1 + arr 2 = \n");
   1 / add two matrices
 for (i = 0; i < ROW; i++)
```

Now lets see how to pass an individual member of structure elements as argument to function. · Each member is passed as an arguement in the function call They are collected independently in ordinary variables in function header. Example # include < stdio b> Struct dates int day i int mon; Struct date d = { 15,09,2021 }; //struct date d; display (d'day, d'mon, d'y v); //passing individual memas argument to function getch display (int a, int b, intc) { printf ("day = % d\n", a); print f ("month = %d\n", b); print f ("year = % d\n", c); year - 2021