Institute of Computer Technology

B. Tech Computer Science and Engineering

Subject: DS (2CSE302)

**PRACTICAL-1**

**Objectives:** To learn about Traversing and Inserting an element in an array.

* **Manish is doing a job in tele calling company. He wants to add a number of assigned calls for every day. How he can implement C code using following steps (Make Suitable Assumptions):**

**1. Create an array for 6 elements with data type INT. Traverse all 6 elements from an array.**

***SOLUTION***

//Question-1

//include header file

#include <stdio.h>

//inside main

int main()

{

//declare array

int arr[6];

int i;

//assign these call values to an array element

//traverse the element, variable i...comment, varible name meaningful

//taking for loop,...i=1 to 6

printf("\nInitializing....\n");

for (i = 0; i < 6; i++)

{

printf("Enter number of calls attended: ");

scanf("%d",&arr[i]);

}

//print the element from the array arr[i+1]

printf("\nEntered values are....\n");

for (i = 0; i < 6; i++)

{

printf("\nDay-%d: %d",i+1,arr[i]);

}

return 0;

}

***OUTPUT***

