**CODITUDE 1.0**

**PERSONAL DETAILS**

Name :- Sagaria Verma

Class :- MCA TYC 2 YEAR

SEMESTER :- 4 SEM

EMAIL-ID:- [verma.sagaria17@gmail.com](mailto:verma.sagaria17@gmail.com)

Introduction- My name is Sagaria Verma. I am student of Masters of Computer Application from GURU NANAK DEV UNIVERSITY,AMRITSAR. I remain placement coordinator head of computer science dept. from 2018-2019. I coordinated 7 successful placement drive in campus.

Which type of job are you looking for?

Ans:- software development, web designing or teaching in good university or in college.

How are you preparing yourself for that job?

Ans:- By learning different aptitude technique, improving my skills in programming, improving my

communication skills.

How confident you are that you will get that job?

Ans:- I m quite confident.

Where do you see yourself in 5 years?

Ans :- In a good company or as a prof. in a good institute.

**TIMING**

Any problen with 5pm -7pm batcg timings?(Yes/No)

YES.

**TECHNICAL QUESTIONS**

1. **Write a program to swap the values of two variables. Use a separate function to perform this task.**

Code:- #include<stdio.h>

#include<conio.h>

void swap(int \*,int \*)

void main()

{

int a,b;

printf("program to show concept of swapping between 2 variables using function");

printf("\n enter the value of a");

scanf("%d",&a);

printf("\n enter the value of b");

scanf("%d",&b);

printf(" value of a&b before swapping the value is a=%d,b=%d",a,b);

swap(&a,&b);

printf(" value of a&b after swapping the value is a=%d,b=%d",a,b);

}

void swap(int \*x,int \*y)

{

int temp;

temp=\*x;

\*x=\*y;

\*y=temp;

}

1. **Any character is entered by the user ;write a program to determine whether the character is entered is a capital letter, a small case letter, a digit or none of the these.**

Code:- #include<stdio.h>

#include<conio.h>

int main()

{

char ch;

clrscr();

printf("enter the character to check:");

scanf("%c",&ch);

if(ch>='A' && ch<='Z')

{printf("the character you entered is in captial letter");

}

else if(ch>='a' && ch<='z')

{printf("yhe character you entered is in small letter");

}

else if (ch>=0 && ch<=9)

{printf("the character you entered is a digit");

}

else

{printf("the character is none of the these");}

return 0;

}

1. **Write a c++ program to find the largest and smallest element of an array.**

Code:- #include<iostream.h>

#include<conio.h>

void main()

{

int arr[50],small,largest,n,i;

clrscr();

cout<<"enter the no. of elements want to insert";

cin>>n;

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

{

cout<<"enter array elements";

cin>>arr[i];}

cout<<"the array elements are";

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

{

cout<<","<<arr[i];

}

largest=small=arr[0];

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

{

if(arr[i]>largest)

largest=arr[i];

if(arr[i]<small)

small=arr[i];

}

cout<<"\n the largest no. is "<<largest;

cout<<"\n the smallest no. is"<<small;

getche();

}

1. **Write a Program to find the sum of following series: 22,21,23,22,24,23….n.**

Code- unable to get accurate ans