Data Structures using C
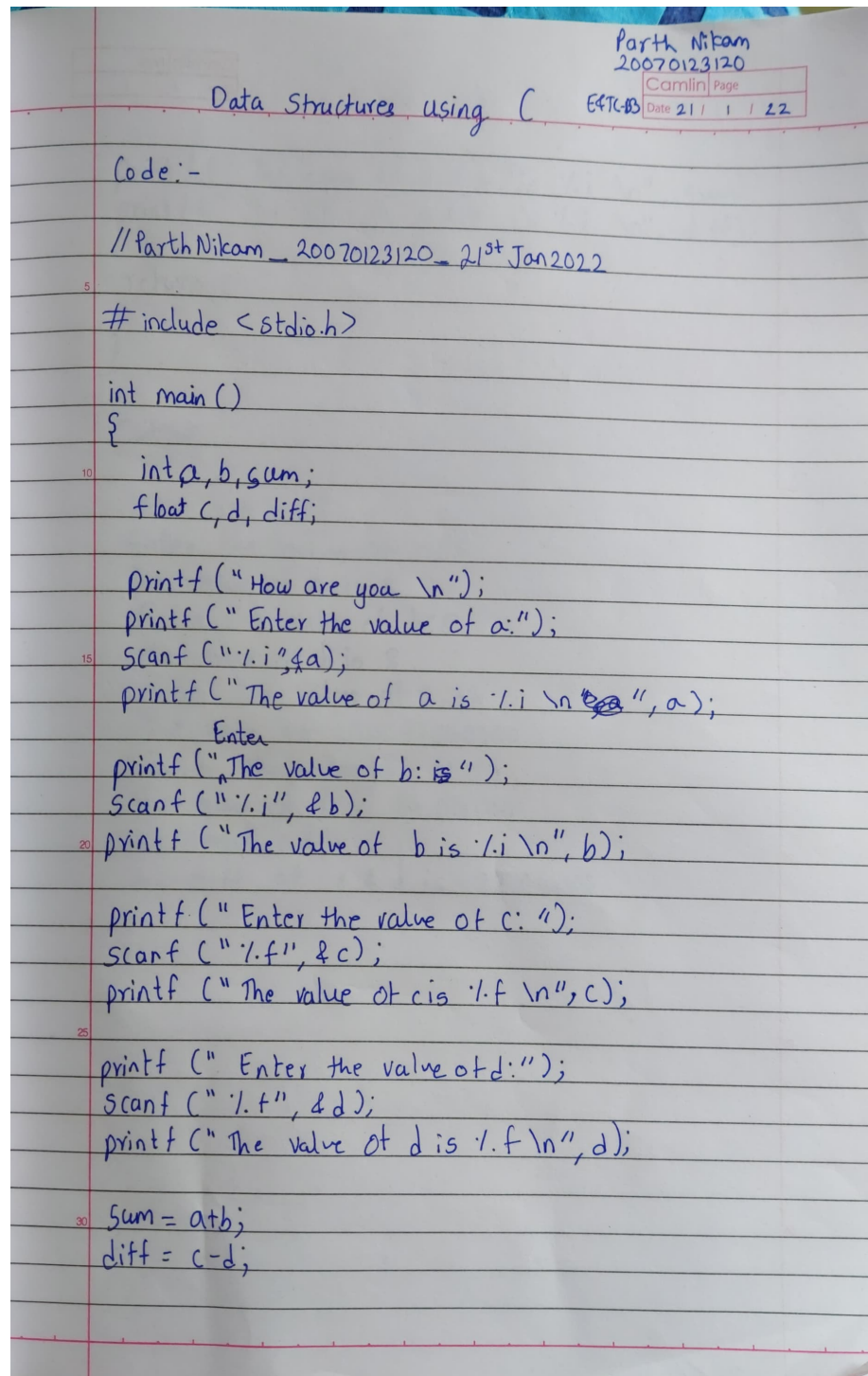
21st Jan 2022

Parth Nikam
20070123120
E&TC – B3

Aim: - To study Basics of C language.

Objective: - To learn about printf, scanf, add etc.

Code: -

Data Structures using C

```c
Code :-

// Parth Nikam _ 20070123120 _ 21st Jan 2022

#include <stdio.h>

int main ()
{
    int a, b, sum;
    float c, d, diff;

    printf ("How are you \n");
    printf (" Enter the value of a:");
    scanf ("%i", &a);
    printf (" The value of a is %i \n ", a);

    printf (" The value of b: is " );
    scanf ("%i", &b);
    printf (" The value of b is %i \n", b);

    printf (" Enter the value of c: ");
    scanf ("%f", &c);
    printf (" The value of c is %f \n", c);

    printf (" Enter the value of d:");
    scanf ("%f", &d);
    printf (" The value of d is %f \n", d);

    sum = a+b;
    diff = c-d;
```

Camlin Page

Date 21 / 1 / 22

```c
printf(" The sum of a & b is %i \n", sum);
printf(" The diff of c & d is %i \n", diff);

return 0;

}
```

Output

```
How are you?
Enter the value of a: 6
The value of a is 6
Enter the value of b: 8
The value of b is 8
Enter the value of c: 32
The value of c is 32.000000
Enter the value of d: 54
The value of d is 54.000000
The sum of a & b is 14
The diff of c & d is -22.000000
```

Data Structures using C

21st Jan 2022

Parth Nikam
20070123120
E&TC – B3

Screenshot: -

Result: - Basics of C language is studied successfully.