



Practical File
Of
PROGRAMMING IN C
Course code – CSEG1041
School Of Computer Science

Submitted By

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Course : Bachelor of Computer Science

Semester : 01

Batch : 06

Submitted To

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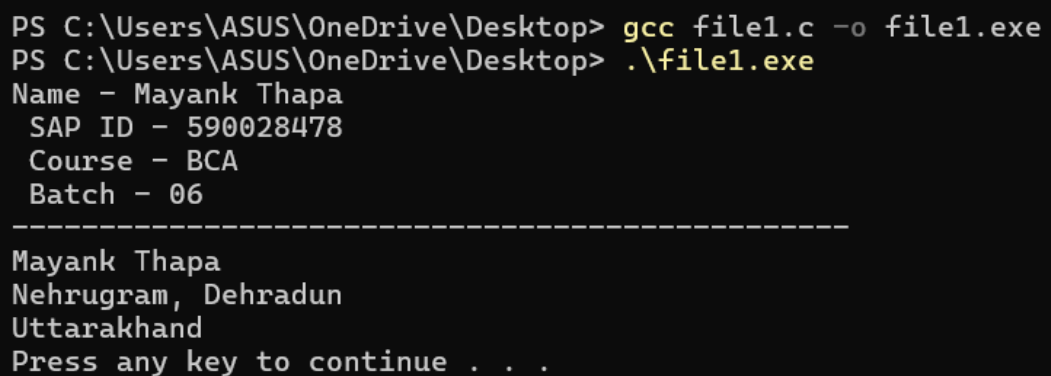
/*Experiment 1: Installation, Environment Setup and starting with C language

1. WRITE A C PROGRAM TO PRINT “HELLO WORLD” */

```
#include<stdio.h>

int main ()
{
printf("Name – Mayank Thapa \n SAP ID - 590028478\n Course - BCA\n Batch - 06");
printf("\n-----\n");
printf("Hello World"); return 0;
}
```

*******OUTPUT*******



```
PS C:\Users\ASUS\OneDrive\Desktop> gcc file1.c -o file1.exe
PS C:\Users\ASUS\OneDrive\Desktop> .\file1.exe
Name – Mayank Thapa
SAP ID – 590028478
Course – BCA
Batch – 06
-----
Mayank Thapa
Nehrugram, Dehradun
Uttarakhand
Press any key to continue . . .
```

2.WRITE A C PROGRAM TO PRINT THE ADDRESS IN MULTIPLE LINE (NEW LINE)

```
#include<stdio.h>

int main ()
{
printf("Name – Mayank Thapa\n SAP ID - 590028478\n Course - BCA\n Batch - 06");
printf("\n-----\n");

printf("Mayank Thapa\n");
printf("Bhauwala, Dehradun\n");
printf("Uttarakhand\n"); return
0;
}
```

*****OUTPUT*****

```
PS C:\Users\ASUS\OneDrive\Desktop> gcc file1.c -o file1.exe
PS C:\Users\ASUS\OneDrive\Desktop> .\file1.exe
Name – Mayank Thapa
SAP ID – 590028478
Course – BCA
Batch – 06
-----
Mayank Thapa
Nehrugram, Dehradun
Uttarakhand
Press any key to continue . . .
```

3. WRITE A C PROGRAM TO ADD TWO NUMBERS AND TAKE A NUMBER FROM THE USER

```
#include <stdio.h>

int main()
{
printf("Name – Mayank Thapa\n SAP ID - 590028478\n Course - BCA\nBatch - 06");
printf("\n-----\n");

int x ; printf("Enter the value of x : ");
scanf("%d", &x); int y ; printf("Enter the
value of y : "); scanf("%d", &y); int sum = x
+ y; printf("The sum of x and y is %d \n",
sum); return 0;
}
```

*****OUTPUT*****

```
compilation terminated.
PS C:\Users\ASUS\OneDrive\Desktop> gcc mayank2.c -o mayank2.exe
PS C:\Users\ASUS\OneDrive\Desktop> .\mayank2.exe
Name – Mayank Thapa
SAP ID – 59002878
Course – BCA
Batch – 06

-----
Enter the value of x : 2
Enter the value of y : 5
The sum of x and y is 7
PS C:\Users\ASUS\OneDrive\Desktop> |
```

4. WRITE A C PROGRAM TO PERFORM FOUR ARITHMETIC OPERATION ON TWO VARIABLES

```
#include <stdio.h>

int main()
{
    printf("Name – Mayank Thapa\n SAP ID - 590028478\n Course - BCA\n Batch - 06");
    printf("\n-----\n");

    int a; printf("Enter the value of a : "); scanf("%d",
    &a); int b; printf("Enter the value of b : ");
    scanf("%d", &b); int sum = a+b; int sub = a-b; int
    mul = a*b; int div = a/b; printf("The sum of a and b
    is %d \n", sum); printf("The subtraction of a and b is
    %d \n", sub); printf("The multiplication of a and b is
    %d \n", mul); printf("The division of a and b is %d
    \n", div); return 0;
}
```

*******OUTPUT*******

```
PS C:\Users\ASUS\OneDrive\Desktop> gcc mayank2.c -o mayank2.exe
PS C:\Users\ASUS\OneDrive\Desktop> .\mayank2.exe
Name ΓÇô Mayank Thapa
SAP ID – 590028478
Course – BCA
Batch – 06
-----
Enter the value of a : 30
Enter the value of b : 20
The sum of a and b is 50
The subtraction of a and b is 10
The multiplication of a and b is 600
The division of a and b is 1
PS C:\Users\ASUS\OneDrive\Desktop> |
```

