



Practical File
of
Programming in C
Course Code: CSEG1041
School Of Computer Science

Submitted By

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SAP ID: 590028251

Course: BCA

Semester: 1

Batch: B5

Academic Year : 2025-26

Submitted To

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

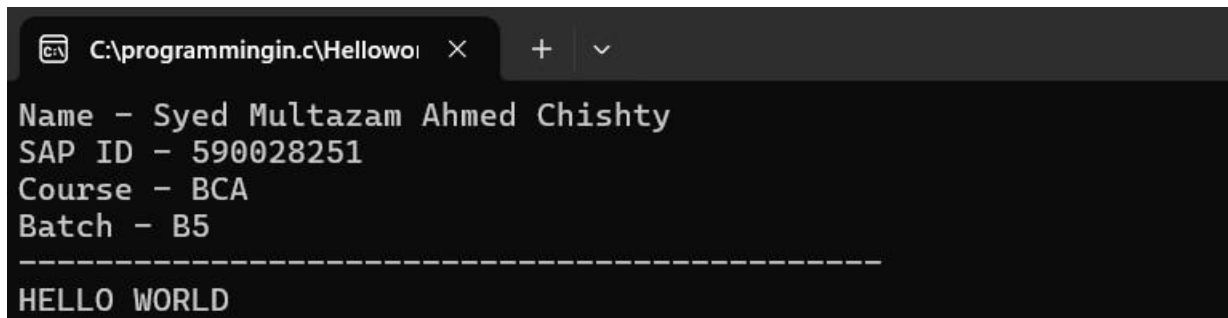
1. Write a C program to print “Hello World”

SOURCE CODE: -

```
#include<stdio.h>
int main()
{ printf("Name - Syed Multazam Ahmed Chishty\nSAP ID -
590028251\nCourse - BCA\nBatch - B5");
  printf("\n-----\n");
  printf("HELLO WORLD");

  return 0;
}
```

EXECUTION: -

A screenshot of a terminal window with a dark background. The title bar shows a file icon, the path 'C:\programmingin.c\Hellowoi', and window controls. The terminal output displays the program's results: 'Name - Syed Multazam Ahmed Chishty', 'SAP ID - 590028251', 'Course - BCA', 'Batch - B5', followed by a dashed line and 'HELLO WORLD'.

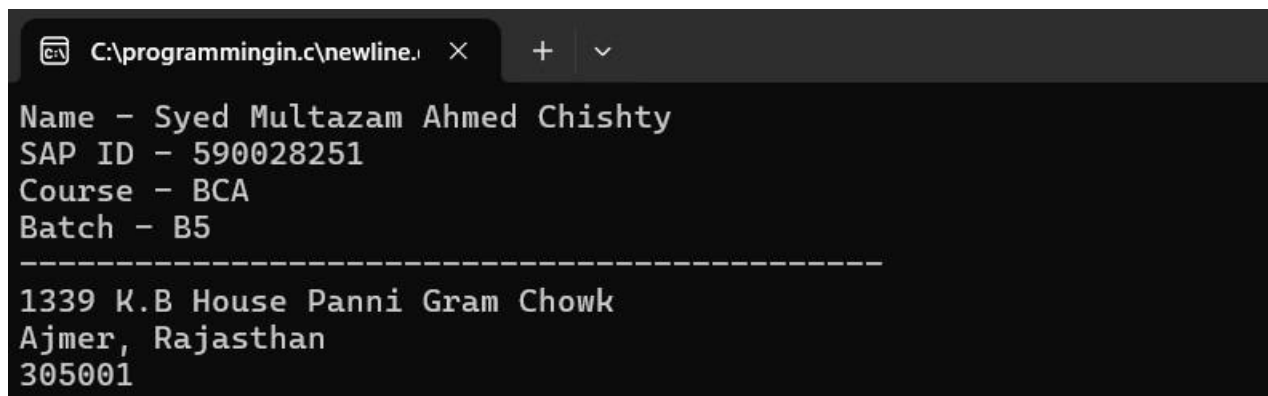
```
C:\programmingin.c\Hellowoi × + ▾
Name - Syed Multazam Ahmed Chishty
SAP ID - 590028251
Course - BCA
Batch - B5
-----
HELLO WORLD
```

2. Write a C Program to print the address in multiple lines (new line).

SOURCE CODE: -

```
#include<stdio.h>
int main()
{ printf("Name - Syed Multazam Ahmed Chishty\nSAP ID -
590028251\nCourse - BCA\nBatch - B5");
  printf("\n-----\n");
  printf("133\19 K.B House Panni Gram Chowk\nAjmer,
Rajasthan\n305001");
  return 0;
}
```

EXECUTION: -

A screenshot of a terminal window showing the execution of a C program. The window has a title bar with a file icon, the path 'C:\programmingin.c\newline.', and window control buttons. The output of the program is displayed in a monospaced font, showing personal details and an address, separated by a dashed line.

```
C:\programmingin.c\newline.  X  +  v
Name - Syed Multazam Ahmed Chishty
SAP ID - 590028251
Course - BCA
Batch - B5
-----
1339 K.B House Panni Gram Chowk
Ajmer, Rajasthan
305001
```

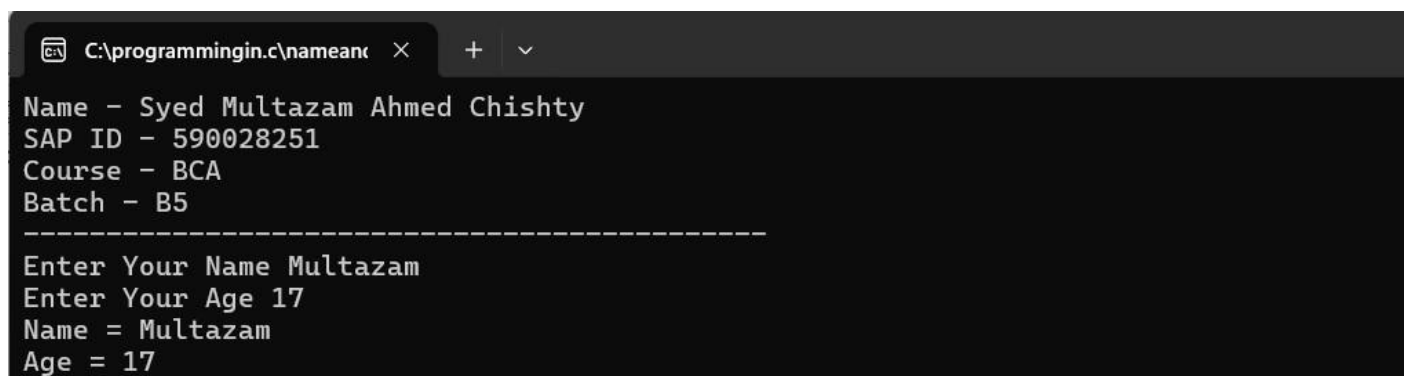
3. Write a program that prompts the user to enter their name and age.

SOURCE CODE: -

```
#include<stdio.h>
int main()
{ printf("Name - Syed Multazam Ahmed Chishty\nSAP ID -
590028251\nCourse - BCA\nBatch - B5");
printf("\n-----\n");
int age;
char name [50];
printf("Enter Your Name");
scanf("%s",&name);
printf("Enter Your Age");
scanf("%d",&age);
printf("Name = %s\nAge = %d",name,age);

return 0;
}
```

EXECUTION: -

A screenshot of a Windows command prompt window with a dark background. The title bar shows the file path 'C:\programmingin.c\nameandage.c'. The terminal output displays the program's execution: it first prints a header with personal details (Name, SAP ID, Course, Batch), followed by a separator line. Then, it prompts for and receives the user's name 'Multazam' and age '17', and finally prints the entered values back to the screen.

```
C:\programmingin.c\nameandage.c
Name - Syed Multazam Ahmed Chishty
SAP ID - 590028251
Course - BCA
Batch - B5
-----
Enter Your Name Multazam
Enter Your Age 17
Name = Multazam
Age = 17
```

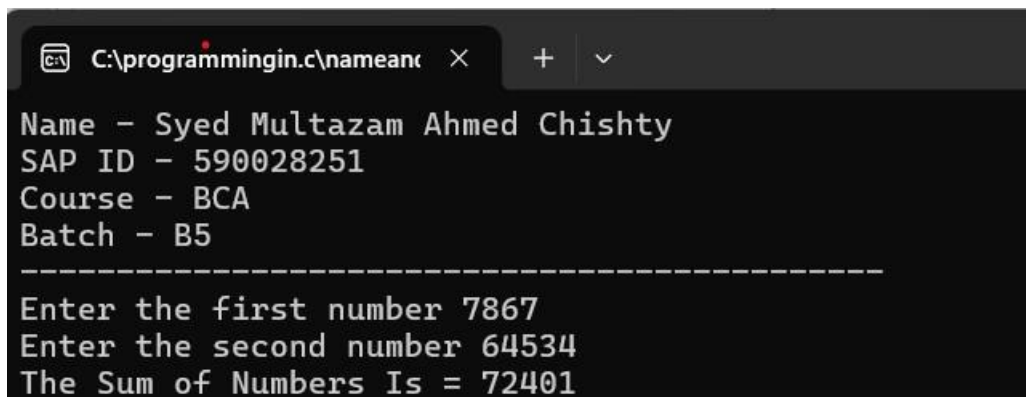
4. Write a C program to add two numbers, take number from user.

SOURCE CODE: -

```
#include<stdio.h>
int main()
{ printf("Name - Syed Multazam Ahmed Chishty\nSAP ID -
590028251\nCourse - BCA\nBatch - B5");
printf("\n-----\n");
int a,b,sum;
printf("Enter the first number");
scanf("%d",&a);
printf("Enter the second number ");
scanf("%d",&b);
sum=(a+b);
printf("The Sum of Numbers Is = %d",sum);

return 0;
}
```

EXECUTION: -

A screenshot of a Windows command prompt window. The title bar shows the file path 'C:\programmingin.c\nameanc'. The terminal output displays the program's execution: it first prints the user's details (Name, SAP ID, Course, Batch) followed by a separator line. Then, it prompts for two numbers, which are entered as 7867 and 64534. Finally, it prints the sum of these two numbers, which is 72401.

```
C:\programmingin.c\nameanc
Name - Syed Multazam Ahmed Chishty
SAP ID - 590028251
Course - BCA
Batch - B5
-----
Enter the first number 7867
Enter the second number 64534
The Sum of Numbers Is = 72401
```