

COMPUTER SCIENCE
Unit no. 01: Introduction to Programming

Programming Exercise:

Exercise 1:

- **With the help of your teacher open the IDE installed on your lab computer for writing C programs.**
- Write the following program in the editor and save it as "welcome.c"

```
#include<stdio.h>
#include<conio.h>
Void main()
{
    Printf (" Welcome to C language"); /* A simple C language program*/
    getch ();
}
```

Run the program to see welcome to C language printed on the screen as output.

" You just have to write above program in an IDE to get output"

Exercise 2

- **Write a program that declares variables of appropriate data types to store the personal data about your best friend. Initialize these variables with the following data:**
- Initial letter of his name
- Initial letter of his gender
- His age
- His height

```
#include <stdio.h>
int main()
{
    // Declaring and initializing variables
    char initial_name = 'A';          // Initial letter of name
    char gender_initial = 'M';        // 'M' for Male, 'F' for Female
    int age = 21;                     // Age in years
    float height = 1.75;              // Height in meters

    // Displaying the personal data
    Printf ("Best Friend's name Initial letter: %c\n", initial_name);
```

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```
printf("Gender Initial: %c\n", gender_initial);
printf("Age: %d\n", age);
printf("Height (in meters): %.2f\n", height);

return 0;
}
```