1.1). Write a C program to print "Hello World"

```c
#include <stdio.h>

int main ()
{
    printf ("Hello World");
    return 0;
}
```

Output : Hello World

1.2). Write a C program to print the address in multiple lines (new line).

```c
#include <stdio.h>

int main ()
{
    printf ("F-Block");
    printf ("Girls Hostel");
    printf ("Bidholi );
    printf ("Near Dudha Devi Mandir");
    printf ("Dehradun");
    printf (" 248 007");
    return 0;
```

Output : F-Block
              Girls Hostel

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Homework help

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main.c   Share   Run

Output   Clear

```c
1  #include <stdio.h>
2
3  int main() {
4
5      printf("Hello World\n");
6      return 0;
7  }
```

Hello World

=== Code Execution Successful ===

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main.c

Share   Run

Output

Clear

```c
# include <stdio.h>
int main()
  {
    printf("F-Block");
    printf("Girls Hostel");
    printf("Bidholi");
    printf("Near Dudha Devi Mandir");
    printf("Dehradun");
    printf("248007");

    return 0;
}
```

F-BlockGirls HostelBidholiNear Dudha Devi MandirDehradun248007

=== Code Execution Successful ===

Bidholi
Near Dudha Devi Mandir
Dehradun
248 007

1·3). Write a program that prompts the user to enter their name and age.

```c
# include <stdio.h>

int main ()
{
    int age ;
    char name [20] ;

    printf ("Enter age") ;
    scanf ("%d", &age) ;

    printf ("Enter name") ;
    scanf ("%s", &name) ;

    printf ("age : %d", age) ;
    printf ("\n name : %s", name) ;
    return 0 ;
}
```

Output : Enter age = 18
          Enter name = Paakhi Verma

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main.c

Share Run

```c
#include <stdio.h>

int main() {
    char name[100];
    int age;

    printf("Enter your name: ");
    fgets(name, sizeof(name), stdin);

    printf("Enter your age: ");
    scanf("%d", &age);

    printf("\nHello %s! You are %d years old.\n", name, age);

    return 0;
}
```

Output Clear

```
Enter your name: Paakhi Verma
Enter your age: 18

Hello Paakhi Verma
! You are 18 years old.

=== Code Execution Successful ===
```

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

```c
# include <stdio.h>

int main ()
{
int a, b, add;

printf ("Enter first no.");
scanf ("%d", &a);

printf ("Enter second no.");
scanf ("%d", &b);

add = a + b;

print ("Addition : &d", add);
return 0;
}
```

Output : Enter first no. 78
         Enter Second no. 83
         Addition : 161

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main.c   Share   Run

Output   Clear

```c
1  #include <stdio.h>
2
3  int main() {
4      float num1, num2, sum;
5
6      printf("Enter the first number: ");
7      scanf("%f", &num1);
8
9      printf("Enter the second number: ");
10     scanf("%f", &num2);
11
12     sum = num1 + num2;
13
14     printf("\nThe sum of %.2f and %.2f is: %.2f\n", num1, num2, sum);
15
16     return 0;
17 }
```

```
Enter the first number: 78
Enter the second number: 83


The sum of 78.00 and 83.00 is: 161.00



=== Code Execution Successful ===
```