

## Task - 1:

```
Beginner Programming Session > Day-1 > C task-1.c
1 // Write a C program that prints "I love
  programming..."
2 #include<stdio.h>
3 int main() {
4     printf("I love programming... \n");
5
6 return 0;
7 }
```

## Output:

```
...eginner Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc
➡ mms task-1.c

...eginner Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc
➡ run
I love programming...

...eginner Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc
➡
```

## Task - 2:

Beginner Programming Session > Day-1 > task-2.c

```
1 // Write a C program that takes two
  integer number as user input and print
  them both.
2 #include<stdio.h>
3 int main() {
4     int num1, num2;
5
6     // printf("Enter 1st number: ");
7     // scanf("%d", &num1);
8     // printf("Enter 2nd number: ");
9     // scanf("%d", &num2);
10
11     printf("Enter two integer number: ");
12     scanf("%d%d", &num1, &num2);
13
14     printf("First Number = %d\n", num1);
15     printf("Second Number = %d\n", num2);
16
17     return 0;
18 }
```

## Output:

```
...eginner Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc
➡ mms task-2.c
```

```
...eginner Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc
➡ run
```

```
Enter two integer number: 4 5
First Number = 4
Second Number = 5
```

```
...Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc took 4s
➡
```

## Task - 3:

```
Beginner Programming Session > Day-1 > C task-3.c
1 // Write a C program that takes two
  integer number as user input, subtract
  them and print the result
2 #include<stdio.h>
3 int main() {
4     int num1, num2, subtract;
5
6     printf("Enter two integer number: ");
7     scanf("%d%d", &num1, &num2);
8
9     // subtract = num1 - num2;
10
11    // printf("Subtract = %d\n", subtract);
12
13    printf("Subtract = %d\n", num1 - num2);
14
15    return 0;
16 }
```

## Output:

```
...eginner Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc
➡ mms task-3.c

...eginner Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc
➡ run
Enter two integer number: 3 4
Subtract = -1

...Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc took 3s
➡
```

## Task - 4:

```
Beginner Programming Session > Day-1 > C task-4.c
1 // Write a C program that takes two float
  number as user input, multiply them and
  print the result
2 #include<stdio.h>
3 int main() {
4     float num1, num2, product;
5
6     printf("Enter two integer number: ");
7     scanf("%f%f", &num1, &num2);
8
9     // product = num1 * num2;
10
11    // printf("Multiplication = %d\n",
      product);
12
13    printf("Multiplication = %.2f\n", num1
      * num2);
14
15    return 0;
16 }
```

## Output:

```
...Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc took 3s
➡ mms task-4.c
```

```
...eginner Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc
➡ run
```

```
Enter two integer number: 5 7
Multiplication = 35.00
```

```
...Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc took 4s
➡
```

## Task - 5:

Beginner Programming Session > Day-1 > C task-5.c

```
1 // Write a C program that takes two
  double number as user input, divide them
  and print the result
2 #include<stdio.h>
3 int main() {
4     double num1, num2, product;
5
6     printf("Enter two integer number: ");
7     scanf("%lf%lf", &num1, &num2);
8     printf("Division = %.2lf\n", num1 /
9         num2);
10 return 0;
11 }
```

## Output:

...Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc took 4s  
➡ mms task-5.c

...eginner Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc  
➡ run

Enter two integer number: 3 5  
Division = 0.60

...Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc took 4s  
➡

## Task - 6:

```
Beginner Programming Session > Day-1 > task-6.c
1 // Write a C program to find out area of
  a square ( formula : a * a )
2 #include<stdio.h>
3 int main() {
4     // a^2 = a * a
5     // int side, area;
6     int side;
7     printf("Enter one side of the square:
  ");
8     scanf("%d", &side);
9
10    // area = side * side;
11
12    printf("Area of the square: %d\n",
  side * side);
13
14    return 0;
15 }
```

## Output:

```
...Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc took 4s
➡ mms task-6.c

...eginner Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc
➡ run
Enter one side of the square: 4
Area of the square: 16

...Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc took 4s
➡
```

## Task - 7:

```
Beginner Programming Session > Day-1 > task-7.c
1 // Write a C program to find out area of a
  circle ( formula :  $3.1416 * r * r$  )
2 #include<stdio.h>
3
4 #define PI 3.1416
5 int main() {
6     // float PI, r, area;
7     float r;
8     // PI = 3.1416;
9     printf("Enter the radius of the
  circle: ");
10    scanf("%f", &r);
11    // calculation
12    // area = PI * r * r;
13
14    // printf("Area of the circle: %.
  2f\n", area);
15    printf("Area of the circle: %.2f\n",
  PI * r * r);
16    return 0;
17 }
```

## Output:

```
...Programming Session/Day-1 on main [!?] via C v12.1.0-gcc took 4s
➡ mms task-7.c

...eginner Programming Session/Day-1 on main [!?] via C v12.1.0-gcc
➡ run
Enter the radius of the circle: 5
Area of the circle: 78.54

...Programming Session/Day-1 on main [!?] via C v12.1.0-gcc took 2s
➡
```

## Task - 8:

Beginner Programming Session > Day-1 > C task-8.c

```
1 // Write a C program to find out area of
  a triangle ( এটার ফর্মুলা দিলাম না, আপনি
  একটু কষ্ট করেন )
2 #include<stdio.h>
3 int main() {
4     float base, height;
5
6     printf("Enter base & height of the
  triangle: ");
7     scanf("%f%f", &base, &height);
8
9     printf("Triangle Area = %.2f\n", .5 *
  base * height);
10
11 return 0;
12 }
```

## Output:

...Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc took 2s  
➡ mms task-8.c

...eginner Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc  
➡ run

Enter base & height of the triangle: 4 5  
Triangle Area = 10.00

...Programming Session/Day-1 on ☺ main [!?] via C v12.1.0-gcc took 3s  
➡