main.c   Run   Output   Clear

```c
1  // Write a C program to print "Welcome to my C Programming
       Class"
2  #include <stdio.h>
3
4  int main() {
5      printf("Welcome to my C Programming Class");
6      return 0;
7  }
```

/tmp/S7rvUokmcl.o
Welcome to my C Programming Class

---

main.c   Run   Output   Clear

```c
1  // Write a C program to print the value of PI accurate to
       12 decimal places.
2  #include <stdio.h>
3  #include <math.h>
4
5  int main() {
6      printf("Value of PI is : %.12f", M_PI);
7      return 0;
8  }
```

/tmp/S7rvUokmcl.o
Value of PI is : 3.141592653590

main.c   Run   Output   Clear

```c
1   // Write a C program to print the number 1.2345 upto 3
        decimal places.
2   #include <stdio.h>
3
4   int main() {
5       float number = 1.2345;
6       printf("Value of 1.2345 upto 3 decimal places is : %
            .3f", number);
7       return 0;
8   }
```

```
/tmp/S7rvUokmcl.o
Value of 1.2345 upto 3 decimal places is : 1.235
```

---

main.c   Run   Output   Clear

```c
1    // Write a C program to print the sum of two numbers.
2    #include <stdio.h>
3
4    int main() {
5        int num1, num2;
6        int sumValue = 0;
7        printf("Enter two numbers : ");
8        scanf("%d %d", &num1, &num2);
9        sumValue = num1+num2;
10       printf("Sum : %d", sumValue);
11       return 0;
12   }
```

```
/tmp/S7rvUokmcl.o
Enter two numbers : 20 25
Sum : 45
```

```c
#include <stdio.h>

int main() {
    float num1, num2, num3, sum, avg;

    printf("Enter three numbers: ");
    scanf("%f %f %f", &num1, &num2, &num3);

    sum = num1 + num2 + num3;
    avg = sum / 3;

    printf("The sum is: %f\n", sum);
    printf("The average is: %f\n", avg);

    return 0;
}
```

Interactive C Course

main.c   Run   Output   Clear

```c
1  // Write a C program to read 3 floating point numbers and
       print them.
2  #include <stdio.h>
3
4  int main() {
5      float n1, n2, n3;
6      printf("Enter 3 numbers : ");
7      scanf("%f %f %f", &n1, &n2, &n3);
8      printf("1st : %f\n2nd : %f\n3rd : %f", n1, n2, n3);
9      return 0;
10 }
```

```
/tmp/uyKl5iFRJW.o
Enter 3 numbers : 10.33 3.10 3.0103
1st : 10.330000
2nd : 3.100000
3rd : 3.010300
```

main.c

Output

Run

Clear

```c
1   // Write a C program to perform swapping of two numbers
        using temprorary variables.
2   #include <stdio.h>
3
4   int main() {
5       int n1, n2, n3;
6       n1 = 10;
7       n2 = 20;
8       printf("Before Swapping : %d, %d", n1, n2);
9       n3 = n2;
10      n2 = n1;
11      n1 = n3;
12      printf("\nAfter Swapping : %d, %d", n1, n2);
13      return 0;
14  }
```

```
/tmp/uyKl5iFRJW.o
Before Swapping : 10, 20
After Swapping : 20, 10
```