main.c

Share Run

```c

#include <stdio.h>

int main() {
    float celsius, fahrenheit;

    printf("Enter temperature in Celsius: ");
    scanf("%f", &celsius);

    fahrenheit = (celsius * 9 / 5) + 32;

    printf("Temperature in Fahrenheit = %.2f\n", fahrenheit);

    return 0;
}

```

Output

Clear

```
Enter temperature in Celsius: 53
Temperature in Fahrenheit = 127.40


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

main.c

Share Run

```c

#include <stdio.h>

int main() {
    int a, b;

    printf("Enter value of a: ");
    scanf("%d", &a);
    printf("Enter value of b: ");
    scanf("%d", &b);

    printf("Before swapping: a = %d, b = %d\n", a, b);

    // Swap without third variable
    a = a + b;
    b = a - b;
    a = a - b;

    printf("After swapping: a = %d, b = %d\n", a, b);

    return 0;
}

```

Output

Clear

```
Enter value of a: 4
Enter value of b: 2
Before swapping: a = 4, b = 2
After swapping: a = 2, b = 4


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

main.c

Share Run

```c
#include <stdio.h>

int main() {
    int num, square;
    printf("Enter a number: ");
    scanf("%d", &num);
    square = num * num;
    printf("Square of %d is %d\n", num, square);
    return 0;
}
```

Output Clear

```
Enter a number: 4
Square of 4 is 16


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

main.c

Share Run

```c

#include <stdio.h>

int main()
{
    float principal, rate, time, simple_interest;

    // Input principal, rate, and time
    printf("Enter principal amount: ");
    scanf("%f", &principal);

    printf("Enter rate of interest: ");
    scanf("%f", &rate);

    printf("Enter time (in years): ");
    scanf("%f", &time);

    // Calculate simple interest
    simple_interest = (principal * rate * time) / 100;

    // Output the result
    printf("Simple Interest = %.2f\n", simple_interest);

    return 0;
}

```

Output Clear

```
Enter principal amount: 1000
Enter rate of interest: 10
Enter time (in years): 2
Simple Interest = 200.00


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

main.c

Share Run

```c
#include <stdio.h>

int main() {
    int num;
    printf("Enter a number: ");
    scanf("%d", &num);
    if (num % 2 == 0) {
        printf("%d is Even\n", num);
    } else {
        printf("%d is Odd\n", num);
    }
    return 0;
}
```

Output Clear

```
Enter a number: 731
731 is Odd


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

main.c

Share Run

```c
#include <stdio.h>

int main() {
    int a, b, c;
    printf("Enter three numbers: ");
    scanf("%d %d %d", &a, &b, &c);

    if (a >= b && a >= c) {
        printf("%d is the largest number.\n", a);
    } else if (b >= a && b >= c) {
        printf("%d is the largest number.\n", b);
    } else {
        printf("%d is the largest number.\n", c);
    }
    return 0;
}
```

Output

Clear

```
Enter three numbers: 20 10 30
30 is the largest number.


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

main.c

Share Run

```c
#include <stdio.h>
#include <math.h>

int main() {
    float principal, rate, time, amount, compound_interest;

    printf("Enter principal amount: ");
    scanf("%f", &principal);
    printf("Enter rate of interest: ");
    scanf("%f", &rate);
    printf("Enter time (in years): ");
    scanf("%f", &time);

    amount = principal * pow((1 + rate / 100), time);
    compound_interest = amount - principal;

    printf("Compound Interest = %f\n", compound_interest);

    return 0;
}
```

Output

Clear

```
Enter principal amount: 1000
Enter rate of interest: 10
Enter time (in years): 3
Compound Interest = 331.000122


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

main.c

Share Run

```c
#include <stdio.h>

int main() {
    float l, b;
    printf("Enter length and width: ");
    scanf("%f %f", &l, &b);

    printf("Area=%f Perimeter=%f", l*b, 2*(l+b));
    return 0;
}
```

Output Clear

```
Enter length and width: 2 5
Area=10.000000 Perimeter=14.000000

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

main.c

Share Run

```c
# include <stdio.h>

int main() {
    printf("Name :- Manya Virmani\n");
    printf("Sap ID :- 590024469\n");
    printf("email :- manyavirmani368@gmail.com\n");
    return 0;
}
```

Output Clear

```
Name :- Manya Virmani
Sap ID :- 590024469
email :- manyavirmani368@gmail.com


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