

main.c

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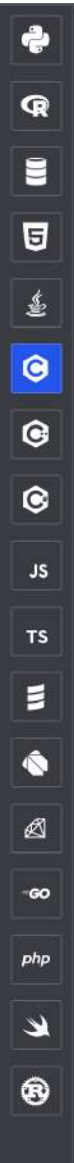
```
1
2 #include <stdio.h>
3
4 int main() {
5     float celsius, fahrenheit;
6
7     printf("Enter temperature in Celsius: ");
8     scanf("%f", &celsius);
9
10    fahrenheit = (celsius * 9 / 5) + 32;
11
12    printf("Temperature in Fahrenheit = %.2f\n", fahrenheit);
13
14    return 0;
15 }
16
```

Output

Clear

Enter temperature in Celsius: 53
Temperature in Fahrenheit = 127.40

=== Code Execution Successful ===



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Output

Clear

```
1 #include <stdio.h>
2
3 int main() {
4     int num, square;
5     printf("Enter a number: ");
6     scanf("%d", &num);
7     square = num * num;
8     printf("Square of %d is %d\n", num, square);
9     return 0;
10 }
11
```

Enter a number: 4
Square of 4 is 16

=== Code Execution Successful ===

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
















```
1
2 #include <stdio.h>
3
4 int main()
5 {
6     float principal, rate, time, simple_interest;
7
8     // Input principal, rate, and time
9     printf("Enter principal amount: ");
10    scanf("%f", &principal);
11
12    printf("Enter rate of interest: ");
13    scanf("%f", &rate);
14
15    printf("Enter time (in years): ");
16    scanf("%f", &time);
17
18    // Calculate simple interest
19    simple_interest = (principal * rate * time) / 100;
20
21    // Output the result
22    printf("Simple Interest = %.2f\n", simple_interest);
23
24    return 0;
25 }
26
```

Output




Clear

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

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









Output

Clear




Enter a number: 731
731 is Odd

=== Code Execution Successful ===

```
1 #include <stdio.h>
2
3 int main() {
4     int num;
5     printf("Enter a number: ");
6     scanf("%d", &num);
7     if (num % 2 == 0) {
8         printf("%d is Even\n", num);
9     } else {
10        printf("%d is Odd\n", num);
11    }
12    return 0;
13 }
14
```



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
















```
1 #include <stdio.h>
2
3 int main() {
4     int a, b, c;
5     printf("Enter three numbers: ");
6     scanf("%d %d %d", &a, &b, &c);
7
8     if (a >= b && a >= c) {
9         printf("%d is the largest number.\n", a);
10    } else if (b >= a && b >= c) {
11        printf("%d is the largest number.\n", b);
12    } else {
13        printf("%d is the largest number.\n", c);
14    }
15    return 0;
16 }
17
```

Output




Clear

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

=== Code Execution Successful ===



main.c

 Share

Run

```
1
2 #include <stdio.h>
3 #include <math.h>
4
5 int main() {
6     float principal, rate, time, amount, compound_interest;
7
8     printf("Enter principal amount: ");
9     scanf("%f", &principal);
10    printf("Enter rate of interest: ");
11    scanf("%f", &rate);
12    printf("Enter time (in years): ");
13    scanf("%f", &time);
14
15    amount = principal * pow((1 + rate / 100), time);
16    compound_interest = amount - principal;
17
18    printf("Compound Interest = %f\n", compound_interest);
19
20    return 0;
21 }
22
```

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

```
1 #include <stdio.h>
2
3 int main() {
4     float l, b;
5     printf("Enter length and width: ");
6     scanf("%f %f", &l, &b);
7
8     printf("Area=%f Perimeter=%f", l*b, 2*(l+b));
9     return 0;
10 }
```

Output

Clear

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

=== Code Execution Successful ===

The screenshot displays a web-based C++ development environment. On the left, a vertical sidebar contains icons for various programming languages: Python, R, Java, JavaScript, TypeScript, Go, PHP, Swift, and Kotlin. The main editor area shows a file named `main.c` containing the following C++ code:

```
1 #include <stdio.h>
2
3 int main() {
4     printf("Name :- Manya Virmani\n");
5     printf("Sap ID :- 590024469\n");
6     printf("email :- manyavirmani368@gmail.com\n");
7     return 0;
8 }
```

At the top right of the editor, there are controls for running the code: a "Run" button (highlighted in blue), a "Share" button, and a "Clear" button. Below the editor, the output window displays the results of the program's execution:

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

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