

1. C Program to Add Two Integers

```
#include <stdio.h>
int main() {
    int a = 10, b = 20, sum;
    sum = a + b;
    printf("Sum = %d", sum);
    return 0;
}
```

Output:

Sum = 30

2. C Program to Find Area of Circle

```
#include <stdio.h>
#define PI 3.14
int main() {
    float r = 5.0, area;
    area = PI * r * r;
    printf("Area of Circle = %.2f", area);
    return 0;
}
```

Output:

Area of Circle = 78.50

3. C Program to Convert Celsius to Fahrenheit

```
#include <stdio.h>
int main() {
    float C = 37, F;
    F = (C * 9 / 5) + 32;
    printf("Fahrenheit = %.2f", F);
    return 0;
}
```

Output:

Fahrenheit = 98.60

4. C Program to Swap Two Numbers using Temporary Variable

```
#include <stdio.h>
int main() {
    int a = 10, b = 20, temp;
    temp = a;
    a = b;
    b = temp;
    printf("After Swap: a = %d, b = %d", a, b);
    return 0;
}
```

Output:

After Swap: a = 20, b = 10

5. C Program to Find Average of Five Numbers

```
#include <stdio.h>
int main() {
    int n1 = 10, n2 = 20, n3 = 30, n4 = 40, n5 = 50;
    float avg;
    avg = (n1 + n2 + n3 + n4 + n5) / 5.0;
    printf("Average = %.2f", avg);
    return 0;
}
```

Output:

Average = 30.00

6. C Program to Find Square and Cube of a Number

```
#include <stdio.h>
int main() {
    int num = 4;
    printf("Square = %d\n", num * num);
    printf("Cube = %d", num * num * num);
    return 0;
}
```

Output:

```
Square = 16
Cube = 64
```

7. C Program to Convert Minutes into Hours and Minutes

```
#include <stdio.h>
int main() {
    int minutes = 135, hours, mins;
    hours = minutes / 60;
    mins = minutes % 60;
    printf("%d minutes = %d hour(s) and %d minute(s)", minutes, hours, mins);
    return 0;
}
```

Output:

```
135 minutes = 2 hour(s) and 15 minute(s)
```

8. C Program to Find Perimeter of Rectangle

```
#include <stdio.h>
int main() {
    int length = 10, width = 5, perimeter;
    perimeter = 2 * (length + width);
    printf("Perimeter of Rectangle = %d", perimeter);
    return 0;
}
```

Output:

```
Perimeter of Rectangle = 30
```

9. C Program to Find Area of Triangle

```
#include <stdio.h>
int main() {
    float base = 10, height = 5, area;
    area = 0.5 * base * height;
    printf("Area of Triangle = %.2f", area);
    return 0;
}
```

Output:

```
Area of Triangle = 25.00
```

10. C Program to Calculate Total Marks and Percentage

```
#include <stdio.h>
int main() {
    int m1 = 80, m2 = 75, m3 = 90, m4 = 85, m5 = 70, total;
    float percent;
    total = m1 + m2 + m3 + m4 + m5;
    percent = total / 5.0;
    printf("Total = %d\n", total);
    printf("Percentage = %.2f", percent);
    return 0;
}
```

Output:

```
Total = 400
Percentage = 80.00
```