Formula Based Programming

①
```c
#include <stdio.h>
main ()
{
    int length, height, area, p;
    printf("Enter length and height: ");
    scanf("%d %d", &length, &height);
    area = length * height;
    p = 2 * (length + height);
    printf("Area of rectangle: %d", area);
    printf("Perimeter of rectangle: %d", p);
}
```

②
```c
#include <stdio.h>
main ()
{
    float n, c;
    printf("Enter a number in meter: ");
    scanf("%f", &n);
    c = n * 39.37;
    printf("Number in inches: %0.2f", c);
    return 0;
}
```

③
```c
#include <stdio.h>
main ()
{
    float n, c;
    printf("Enter a number in inch: ");
    scanf("%f", &n);
    c = n * 0.0833;
```

```c
    printf("Number in feet : %0.2f", c);
    return 0;
}
```

④
```c
#include <stdio.h>
main()
{
    float c, f;
    printf("Enter temperature in fahrenheit:");
    scanf("%0.2f", &f);
    c = (f-32)*5/9;
    printf("Temperature in celsius: %0.2f", c);
    return 0;
}
```