

Size of int, float, double, char

Tuesday, February 03, 2026 2:51 AM

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

```
int main() {  
    printf("Size of int: %zu bytes\n", sizeof(int));  
    printf("Size of float: %zu bytes\n", sizeof(float));  
    printf("Size of double: %zu bytes\n", sizeof(double));  
    printf("Size of char: %zu bytes\n", sizeof(char));  
    return 0;  
}
```

Area and Perimeter of Rectangle

Tuesday, February 03, 2026 11:21 AM

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

```
int main() {
```

```
    float l, b;
```

```
    printf("Enter length and breadth: ");
```

```
    scanf("%f %f", &l, &b);
```

```
    printf("Area = %.2f\n", l * b);
```

```
    printf("Perimeter = %.2f\n", 2 * (l + b));
```

```
    return 0;
```

```
}
```

Multiply Two Floating-Point Numbers

Tuesday, February 03, 2026

11:22 AM

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

```
int main() {
```

```
    float a, b;
```

```
    printf("Enter two floating numbers: ");
```

```
    scanf("%f %f", &a, &b);
```

```
    printf("Product = %.2f\n", a * b);
```

```
    return 0;
```

```
}
```

Positive, Negative or Zero

Tuesday, February 03, 2026

11:23 AM

```
#include <stdio.h>

int main() {
    int n;

    printf("Enter a number: ");
    scanf("%d", &n);

    if (n > 0)
        printf("Positive\n");
    else if (n < 0)
        printf("Negative\n");
    else
        printf("Zero\n");

    return 0;
}
```

Even or Odd

Tuesday, February 03, 2026

11:24 AM

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

```
int main() {
```

```
    int n;
```

```
    printf("Enter a number: ");
```

```
    scanf("%d", &n);
```

```
    if (n % 2 == 0)
```

```
        printf("Even\n");
```

```
    else
```

```
        printf("Odd\n");
```

```
    return 0;
```

```
}
```

Vowel or Consonant

Tuesday, February 03, 2026 11:25 AM

```
#include <stdio.h>

int main() {
    char ch;

    printf("Enter a character: ");
    scanf(" %c", &ch);

    if (ch=='a' || ch=='e' || ch=='i' || ch=='o' || ch=='u' ||
        ch=='A' || ch=='E' || ch=='I' || ch=='O' || ch=='U')
        printf("Vowel\n");
    else
        printf("Consonant\n");

    return 0;
}
```

Largest Among Three Numbers

Tuesday, February 03, 2026 11:26 AM

```
#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("Largest = %d\n", a);
```

```
    else if (b >= a && b >= c)
```

```
        printf("Largest = %d\n", b);
```

```
    else
```

```
        printf("Largest = %d\n", c);
```

```
    return 0;
```

```
}
```

Sum of Natural Numbers

Tuesday, February 03, 2026 11:26 AM

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

```
int main() {
```

```
    int n, sum = 0;
```

```
    printf("Enter N: ");
```

```
    scanf("%d", &n);
```

```
    for (int i = 1; i <= n; i++)
```

```
        sum += i;
```

```
    printf("Sum = %d\n", sum);
```

```
    return 0;
```

```
}
```


Print Alphabets A to Z

Tuesday, February 03, 2026 11:27 AM

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

```
int main() {
```

```
    char ch;
```

```
    for (ch = 'A'; ch <= 'Z'; ch++)
```

```
        printf("%c ", ch);
```

```
    return 0;
```

```
}
```

Leap Year

Tuesday, February 03, 2026

11:27 AM

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

```
int main() {
```

```
    int year;
```

```
    printf("Enter year: ");
```

```
    scanf("%d", &year);
```

```
    if ((year % 4 == 0 && year % 100 != 0) || year % 400 == 0)
```

```
        printf("Leap Year\n");
```

```
    else
```

```
        printf("Not a Leap Year\n");
```

```
    return 0;
```

```
}
```

Factorial of a Number

Tuesday, February 03, 2026 11:28 AM

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

```
int main() {
```

```
    int n;
```

```
    long long fact = 1;
```

```
    printf("Enter a number: ");
```

```
    scanf("%d", &n);
```

```
    for (int i = 1; i <= n; i++)
```

```
        fact *= i;
```

```
    printf("Factorial = %lld\n", fact);
```

```
    return 0;
```

```
}
```

Reverse of a Number

Tuesday, February 03, 2026 11:28 AM

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

```
int main() {
```

```
    int n, rev = 0;
```

```
    printf("Enter a number: ");
```

```
    scanf("%d", &n);
```

```
    while (n != 0) {
```

```
        rev = rev * 10 + n % 10;
```

```
        n /= 10;
```

```
    }
```

```
    printf("Reverse = %d\n", rev);
```

```
    return 0;
```

```
}
```

Voting Eligibility

Tuesday, February 03, 2026 11:29 AM

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

```
int main() {
```

```
    int age;
```

```
    printf("Enter age: ");
```

```
    scanf("%d", &age);
```

```
    if (age >= 18)
```

```
        printf("Eligible to vote\n");
```

```
    else
```

```
        printf("Not eligible to vote\n");
```

```
    return 0;
```

```
}
```

Print Prime Numbers from 1 to N

Tuesday, February 03, 2026 11:18 AM

```
#include <stdio.h>

int main() {
    int n, i, j, isPrime;

    printf("Enter N: ");
    scanf("%d", &n);

    for (i = 2; i <= n; i++) {
        isPrime = 1;
        for (j = 2; j * j <= i; j++) {
            if (i % j == 0) {
                isPrime = 0;
                break;
            }
        }
        if (isPrime)
            printf("%d ", i);
    }
    return 0;
}
```

Simple Interest

Tuesday, February 03, 2026 11:20 AM

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

```
int main() {
```

```
    float p, r, t, si;
```

```
    printf("Enter Principal, Rate and Time: ");
```

```
    scanf("%f %f %f", &p, &r, &t);
```

```
    si = (p * r * t) / 100;
```

```
    printf("Simple Interest = %.2f\n", si);
```

```
    return 0;
```

```
}
```

Compound Interest

Tuesday, February 03, 2026 11:20 AM

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

int main() {
    float p, r, t, ci;

    printf("Enter Principal, Rate and Time: ");
    scanf("%f %f %f", &p, &r, &t);

    ci = p * pow((1 + r / 100), t) - p;
    printf("Compound Interest = %.2f\n", ci);

    return 0;
}
```