

# 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;
}
```