

## Input and Output in C

The standard library provides functions for input and output.

Output using printf():

```
#include <stdio.h>

int main() {
    printf("Welcome to C Programming!");
    return 0;
}
```

Input using scanf():

```
#include <stdio.h>

int main() {
    int age;
    printf("Enter your age: ");
    scanf("%d", &age);
    printf("You are %d years old", age);
    return 0;
}
```

Format Specifiers:

- %d: integer
- %f: float
- %c: character
- %s: string