Best Practices

- Comment before every function describing what it does. (// function main begins program execution).
- Always comment after right brace, }, that closes every function (// end function main).
- Indent the entire contents of every function.
- First letter of simple variables should be lowercase, with multiple words in camel case or underscores.
- Calculation in an assignment statement must be right of the = operator.

Escape sequences

- \n Newline
- \t Tab
- \a Alert
- \ Backslash
- \" Double Quote

scanf

```
scanf( "%d", &integer1 );
```

- "%d" - Formatted control string
- %d - conversion specifier
- & - address operator before the variable

CERT secure printf function (avoid single string argument)

```
printf( "Welcome to C!\n" );
```

should be written as

```
puts( "Welcome to C!" );
```

and

```
printf( "Welcome " );
```

should be written as

```
printf( "%s", "Welcome " );
```