Exercises 4.1

Learn C With Babbo

1. (a) `24`

   (b) ```
   34
   70
   34
   ```

   (c) `2.93`

2. (a) It has a function definition inside a function body, which is not allowed in standard C.

   (b) **goodbye** takes no arguments, but does not have **void** inside the argument parentheses.

   (c) **func** is defined inside **main**. Since **main** is itself a function, this is forbidden in standard C.

3. 
```c
int scan_int(void) {
    int a;
    scanf("%d", &a);
    return a;
}
```

4.
```c
double square(double arg) {
    return arg * arg;
}
```

5.
```c
void print_square(double arg) {
    printf("%f", arg * arg);
}
```