

Notebook - Introduction to programming in C++

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A little practical review of `scanf`

1. Open Emacs
2. Create a new file `scanf_review.org`
3. Add metadata at the top of your file:

```
#+PROPERTY: header-args:C :tangle scanf.c :main yes :includes <stdio.h>
```

4. Refresh local setup: run `#+PROPERTY` line with `C-c C-c`
5. Create C code block with `<s`
6. In the block, write the following code:
 - (a) ask to input an integer with `puts`
 - (b) scan an integer value `i`
 - (c) print the scanned value
7. Tangle the code block to a source code file `scanf.c` with `C-c C-v t`
- p8) Open an Emacs shell with `M-x eshell`

1. Compile `scanf.c` into an executable file `scanf`
2. Run `scanf` with the input 100.

You can upload a screenshot of your `scanf_review.org` and `*eshell*` buffers including the compilation, the execution and the result to Canvas for bonus points.

- The result should look like this
- Here is a video showing the whole exercise.