

Macro exercises:

1. Compile the file `ifdef_test.c` What is the value of pi that is written to the screen? Remove or comment the line

```
#include ifdef_test.h
```

in the file

```
ifdef_test.c
```

Recompile

```
ifdef_test.c
```

What is the value of pi that is written to the screen now? Why?

2. Define a macro **CENTIGRADE_TO_FAHRENHEIT** which converts centigrade to fahrenheit. Write a program which uses the macro. Look at the lecture slides for Macros to see a similar macro **FAHRENHEIT_TO_CENTIGRADE**.

3. Define a macro that tells how many elements an array contains. Write a program which uses the macro.