

sizeof operator and C data types' size

Work to do

This exercise will have you use the *sizeof* operator to display on the screen the size occupied in memory by variables of the following C language data types;

- int
- unsigned int
- long
- short
- char
- float
- double
- long double
- unsigned double
- unsigned float

Example(s)

Your output will look something like;

Data Type Name	Size in Bytes
int	4
unsigned int	4
long	8

The values will vary from platform to platform.

Hints

- You can use `sizeof` on a variable or on a type name
- Make sure you use tabulations `'\t'` with *printf* to align the numbers appropriately in your display.
- Some of the data types listed above might not be valid. What error do you get? Why aren't they valid?