Sample Code

sizes.c

Outputs:

```
32-bit Windows/Linux/Cygwin
                                             64-bit Windows (LLP64)
                                             sizeof(short) : 2
sizeof(short) : 2
                                             sizeof(int)
sizeof(int) : 4
sizeof(long) : 4
                                             sizeof(long) : 4
                                             sizeof(long long): 8
sizeof(long long) : 8
                                             sizeof(void*) : 8
sizeof(void*) : 4
sizeof(size t) : 4
                                             sizeof(size t) : 8
sizeof(size t)
                                             sizeof(intptr t) : 8
sizeof(intptr t) : 4
64-bit Linux/Mac OS X (LP64)
                                             sizes.c:12:7: warning: cast from pointer
                                             to integer of different size [-Wpointer-
sizeof(short)
sizeof(int) : 4
sizeof(long) : 8
                                             to-int-cast]
sizeof(long long) : 8
sizeof(void*) : 8
sizeof(size t)
                 : 8
sizeof(intptr t) : 8
```