

multimedia

peter nore

# example: pictures on wikipedia

<https://www.computerscience1.net/example>

# free picture editing programs

Windows:

Paint (included with windows)

Gimp Portable ([http://portableapps.com/apps/graphics\\_picture/gimp\\_portable](http://portableapps.com/apps/graphics_picture/gimp_portable))

Mac:

iPaint (<http://www.macupdate.com/app/mac/29331/ipaint>)

Gimp Portable.app (<http://www.freemug.org/portableapps:gimp/>)

# how to take a screenshot

Windows:

press "prtsn," the "print screen" button

then open a program that can handle images and paste the image (press ctrl+v)

edit image to crop out what you do not need

Mac:

command+shift+number  
(see <http://goo.gl/MD06u>)

in general, images will be saved to desktop

# pictures on wordpress (blog)

(live demo)

# compression trade-offs

## advantages

MUCH less space  
required to store file  
on hard disk

MUCH less space  
required send file

## disadvantages

harder for processor  
to decompress

incompatibility with  
compression  
algorithms

sometimes affects  
portability

loss of  
information/fidelity

# multimedia programming

[processing.org](http://processing.org)

free audio editing program:

audacity