



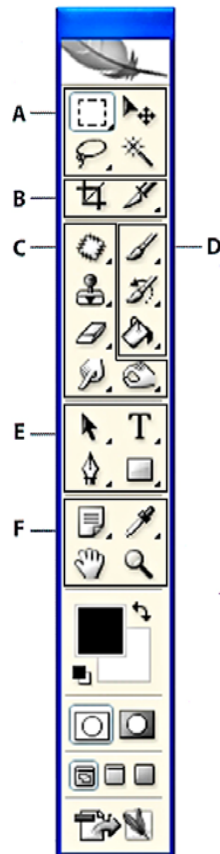
Photoshop CS2 Tutorial - 2

Presented by Pete Atkins

Photoshop CS2 Tutorial 2

The Toolbox

Toolbox overview



A Selection tools

- Rectangular Marquee (M)
- Elliptical Marquee (M)
- || Single Column Marquee (M)
- Single Row Marquee (M)

- Move (V)
- Lasso (L)
- Polygonal Lasso (L)
- Magnetic Lasso (L)
- Magic Wand (W)

B Crop and slice tools

- Crop (C)
- Slice (K)
- Slice Select

C Retouching tools

- Spot Healing Brush (J)
- Healing Brush (J)
- Patch (J)
- Red Eye (J)
- Clone Stamp (S)
- Pattern Stamp (S)

- Eraser (E)
- Background Eraser (E)
- Magic Eraser (E)
- Blur (R)
- Sharpen (R)
- Smudge (R)

- Dodge (O)
- Burn (O)
- Sponge (O)

D Painting tools

- Brush (B)
- Pencil (B)
- Color Replacement (B)
- History Brush (Y)
- Art History Brush (Y)

- Gradient (G)
- Paint Bucket (G)

E Drawing and type tools

- Path Selection (A)
- Direct Selection (A)

- Pen (P)
- Freeform Pen (P)
- Add Anchor Point (P)
- Delete Anchor Point (P)
- Convert Anchor Point (P)

- T Horizontal Type (T)
- IT Vertical Type (T)
- IT Horizontal Type Mask (T)
- IT Vertical Type Mask (T)

- Rectangle (U)
- Rounded Rectangle (U)
- Ellipse (U)
- Polygon (U)
- Line (U)
- Custom Shape (U)

F Annotation, measuring, and navigation tools

- Notes (N)
- Audio Annotation (N)
- Eyedropper (I)
- Color Sampler (I)
- Measure (I)
- Hand (H)
- Zoom (Z)

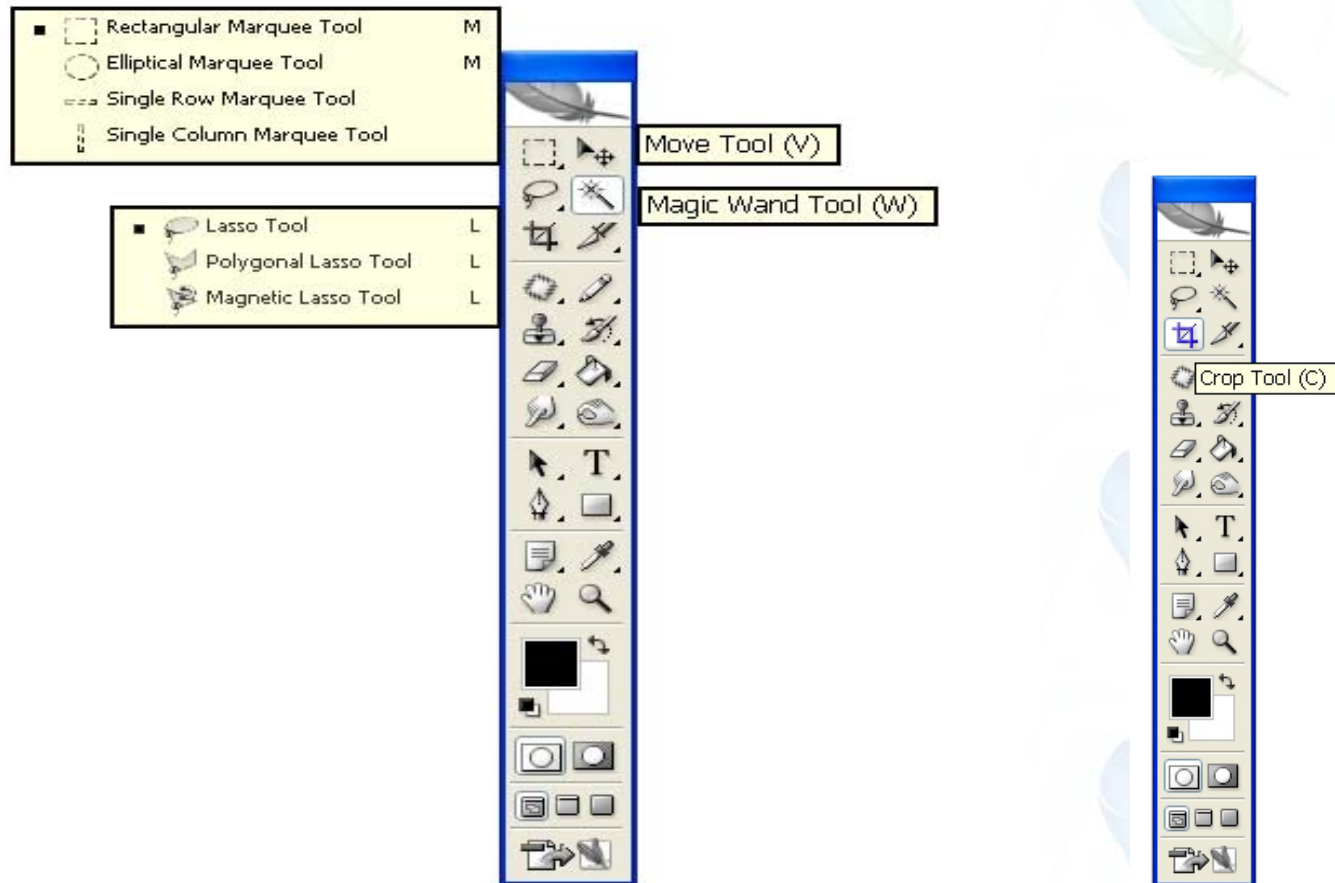
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Selection & Cropping Tools

- Rectangular Marquee (M)
 - Used to select rect. shapes within an image; areas can be copied or cut & pasted into new layers. Tool can be used to create bounding box for further work within it's confines. Elliptical & single column and row tools also available.
- Move Tool (V)
 - Used to move selected layers around. Click and drag to adjust layer elements. Tool also used to set and move guides.
- Lasso Tool (L)
 - Used to select parts of a layer for editing. Also Magnetic & Polygonal Lassoes available.
- Magic Wand (W)
 - Used to select portions of image based on colour.
- Crop Tool (C)
 - Used to adjust the size of the whole image. **MUST BE USED CAREFULLY**

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Selection & Cropping Tools



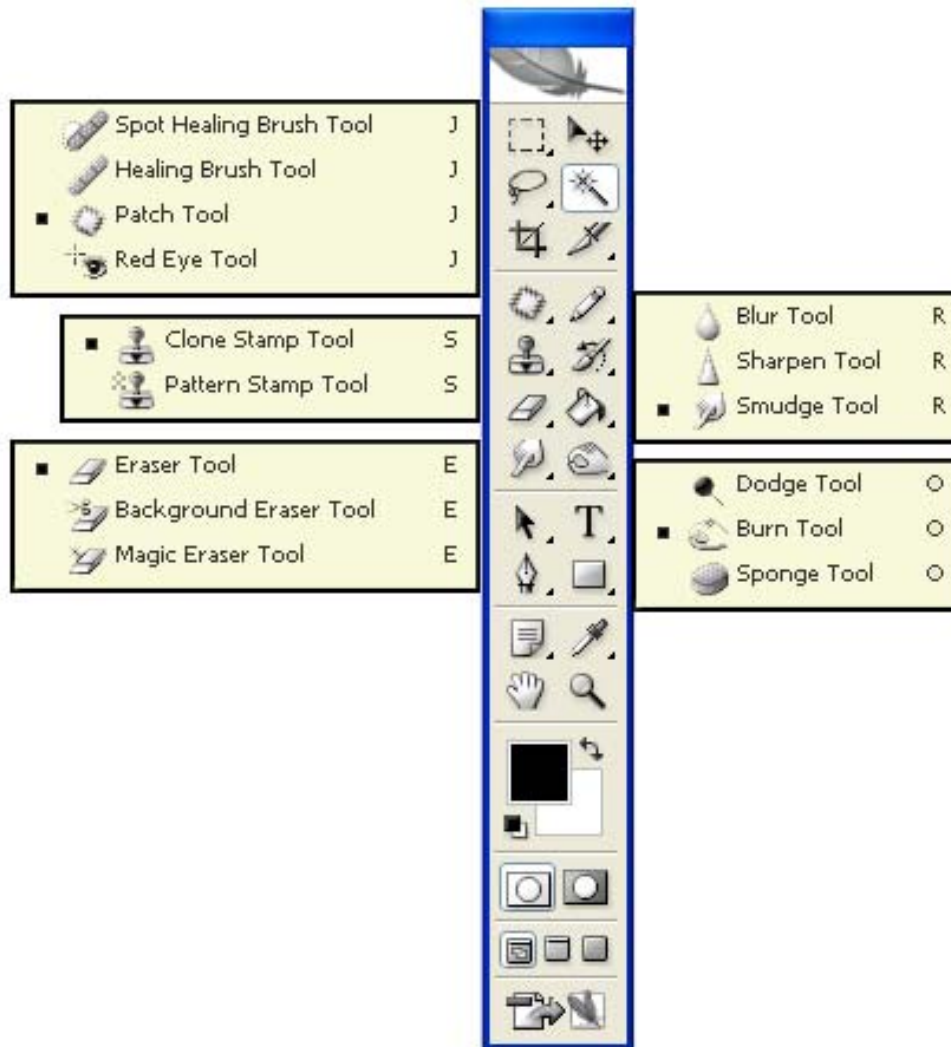
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Retouching Tools

- **Healing Tool (J)**
 - Used to remove dust marks, scratches and blemishes from images. The patch tool is used to repair areas of an image that are larger than a typical scratch. A red-eye reduction tool is also available.
- **Clone Tool (S)**
 - Used to copy portions of a layer from one area to another for repair work.
- **Eraser (E)**
 - Used to remove portions of a layer. Can only be used in a destructive manner.
- **Blur (R)**
 - Used to selectively blur areas of a layer; useful for blending colours or objects.
- **Dodge / Burn (O)**
 - Used to lighten or darken areas of an image and are based on darkroom techniques.

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Retouching Tools



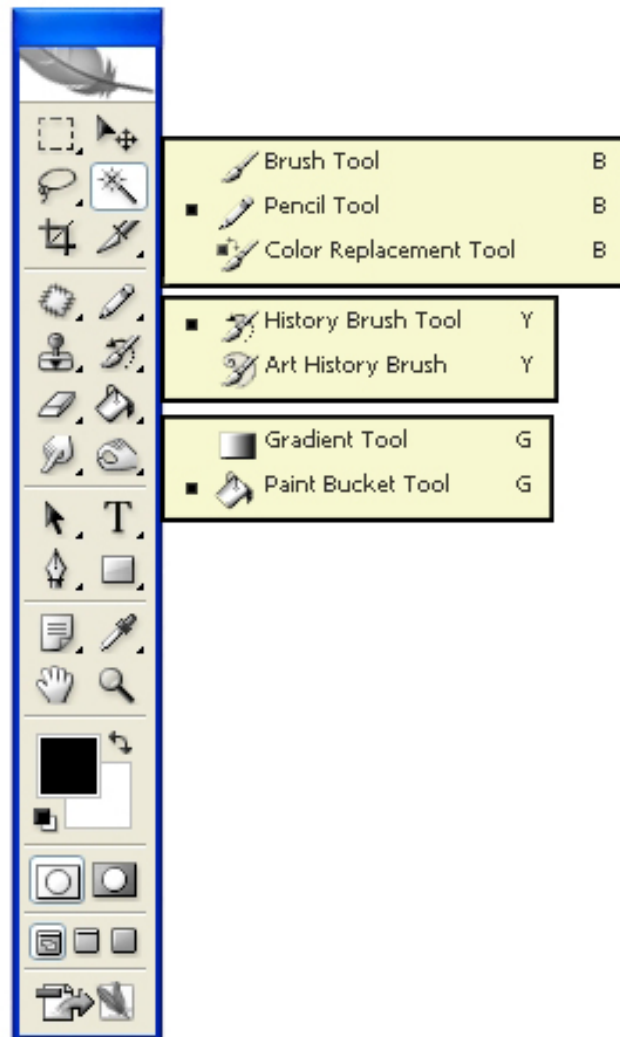
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Painting Tools

- **Brush (B)**
 - Used to apply the current foreground colour onto an image; the brush can be adjusted in many way in the brush palette. The pencil tool gives a hard edged line.
- **History Brush (Y)**
 - Used to restore part of an image back to a previously saved state. The art history brush works in a similar fashion but with stylised brush strokes which are adjustable.
- **Gradient (G)**
 - Used to create a gradual blend of colours which can be applied to an image in various ways; there are many preset gradients & specific gradients can be created. The paint bucket is a tool used to fill a selected area with colour.

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Painting Tools



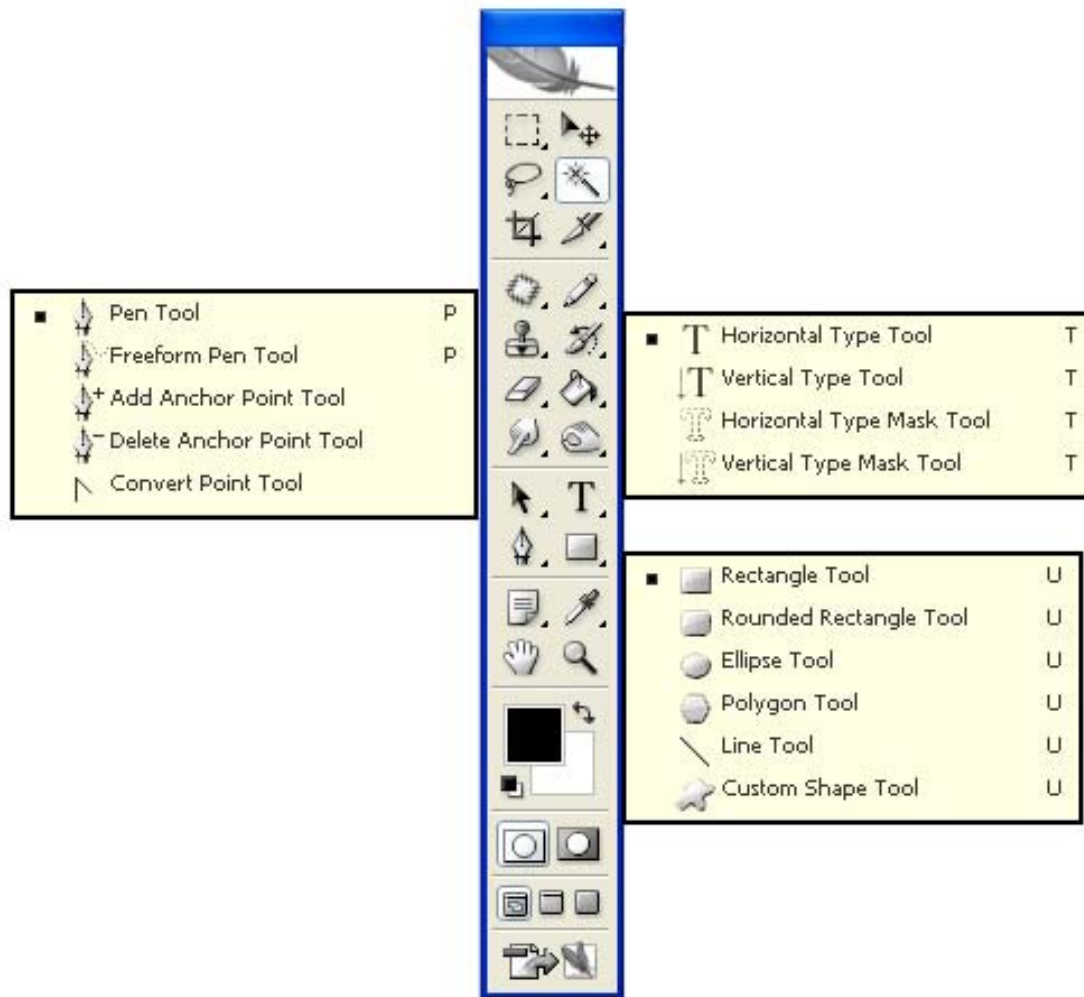
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Drawing, Measuring & Navigation Tools

- Pen (P)
 - Used to create straight lines and smooth flowing lines; a good tool to use for making selections – the path created can be converted into a selection.
- Type (T)
 - Used to add text to an image; size, colour and other attributes can be specified and adjusted.
- Eyedropper (I)
 - Used to select colour; colour that is picked appears as the foreground colour. A measuring tool is also available which is very useful for sorting out verticals & horizontals.
- Hand (H)
 - Used to view another area of an image. Holding down the spacebar whilst using another tool temporarily brings up the hand tool.
- Zoom (Z)
 - Used to quickly zoom in or out of the image.

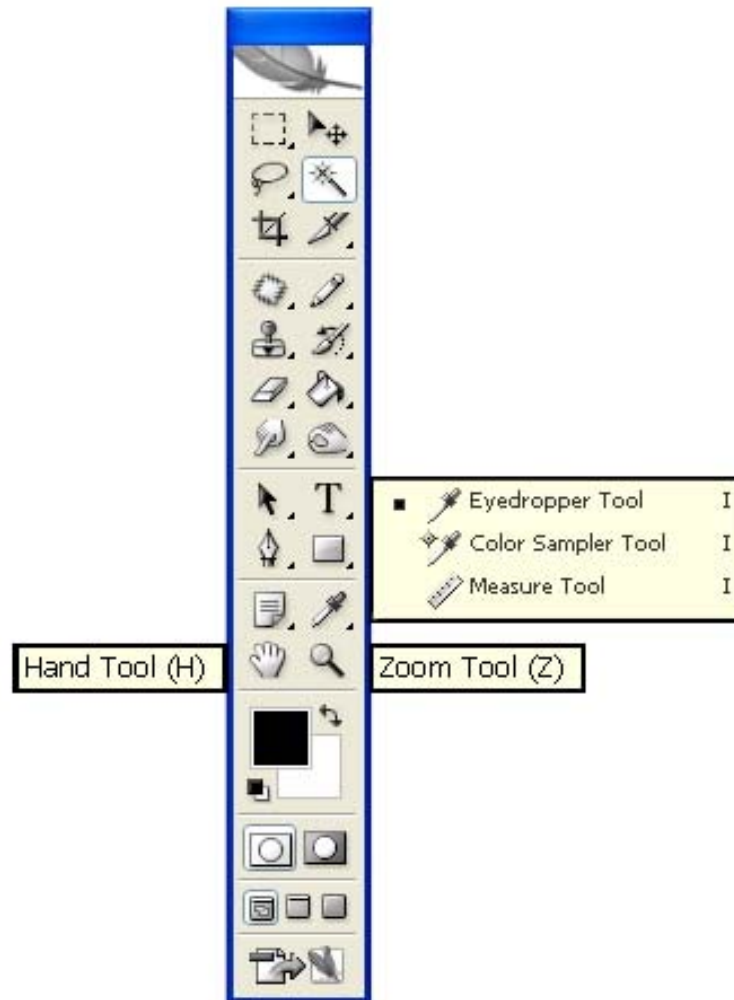
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Drawing & Type Tools



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Measuring & Navigation Tools



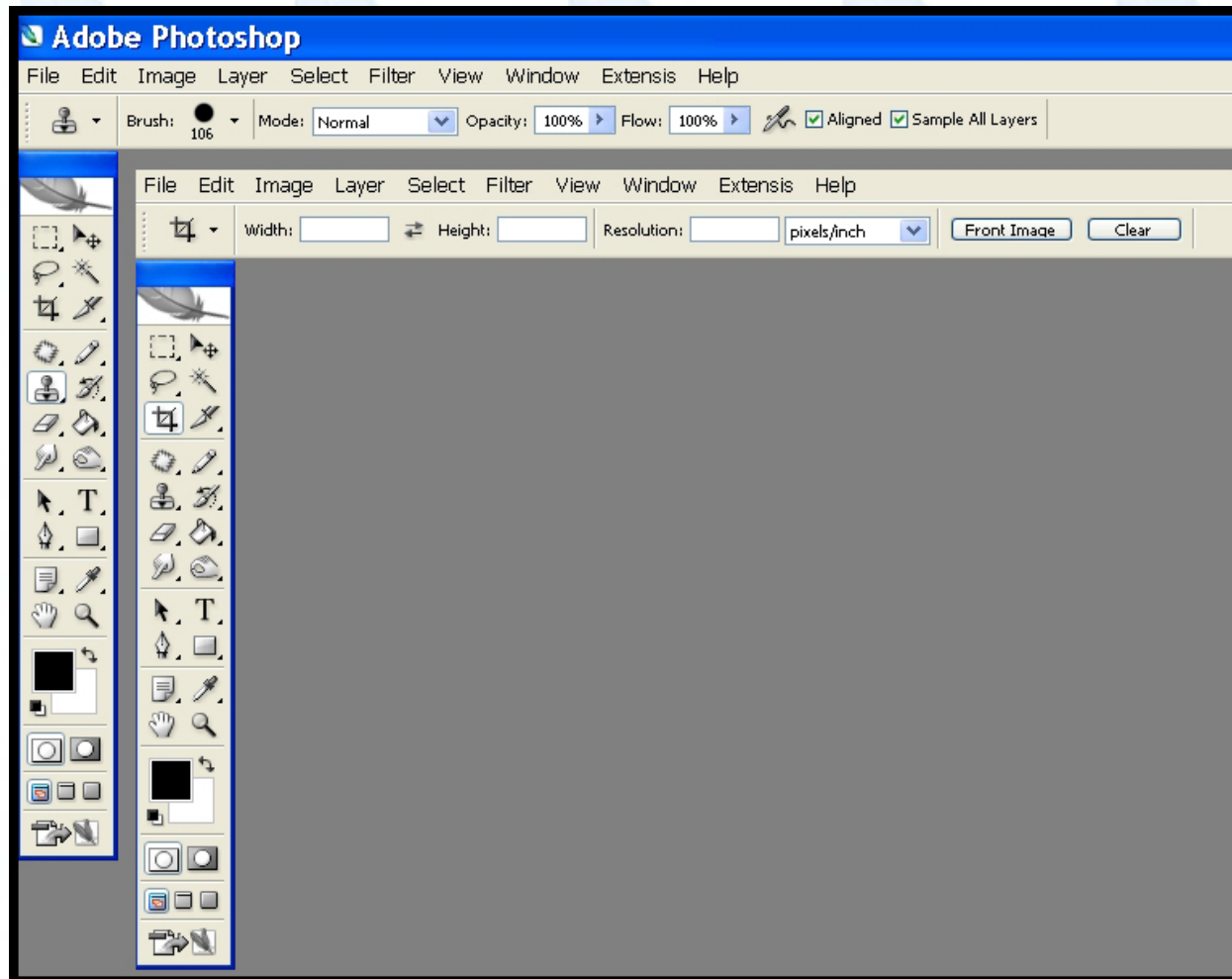
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Options Bar

- Options Bar
 - Allows fine tuning of current tool being used.
 - Settings vary from tool to tool.
 - Tool tips appear when you hover the cursor over the tool icon.

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Options Bar



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Useful Keyboard Shortcuts

	Command	Shortcut
File		
	New	Ctrl + N
	Open	Ctrl + O
	Save	Ctrl + S
	Save As	Ctrl + Shift + S
	Print	Ctrl + P
	Print with Preview	Ctrl + Alt + P
	Exit	Ctrl + Q
Edit		
	Undo/Redo	Ctrl + Z
	Step Back	Ctrl + Alt + Z
	Cut	Ctrl + X
	Copy	Ctrl + C
	Paste	Ctrl + V
	Paste Into	Ctrl + Shift + V
	Free Transform	Ctrl + T

	Command	Shortcut
Image		
	Desaturate	Ctrl + Shift + U
	Invert	Ctrl + I
	Image Size	Ctrl + Alt + I
	Canvas Size	Ctrl + Alt + C
	Layer via Copy	Ctrl + J
	Merge Layers	Ctrl + E
	Merge Visible	Ctrl + Shift + E
	Merge Into New Layer	Ctrl + Shift + Alt + E
Select		
	All	Ctrl + A
	Deselect	Ctrl + D
	Inverse	Ctrl + Shift + I
	Feather	Ctrl + Alt + D
	Hide Selection	Ctrl + H

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Useful Keyboard Shortcuts

	Command	Shortcut
General		
	Last Filter	Ctrl + F
	Gamut Warning	Ctrl + Shift + Y
	Zoom In	Ctrl + +
	Zoom Out	Ctrl + -
	Fit on Screen	Ctrl + 0
	Actual Pixels	Ctrl + Alt + 0
	Grid	Ctrl + '
	Rulers	Ctrl + R
	Fill with B/ground	Ctrl + Backspace
	Fill with F/ground	Alt + Backspace
	Reset b & f/ground	D
	Switch b & f/ground	X
	Hand (move image in window)	Spacebar

	Command	Shortcut
Tool Size		
	Decrease size	Ctrl + [
	Increase size	Ctrl +]
	Decrease softness by 25%	Ctrl + Shift +[
	Decrease softness by 25%	Ctrl + Shift +]

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Cropping & Resizing

- **Cropping Tool**

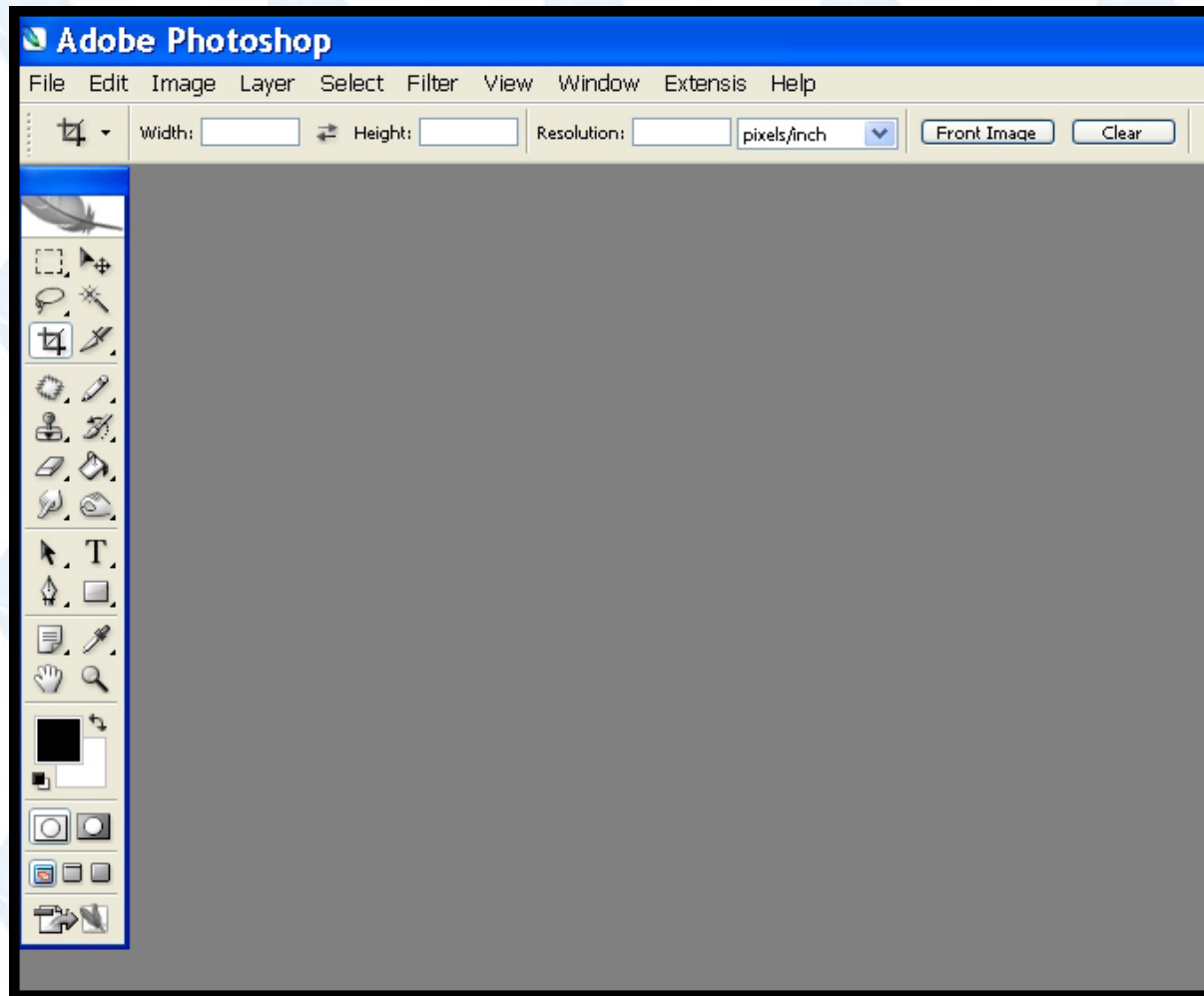
- Images are cropped using the Crop Tool.
- Options Bar allows the size to be preset.
- **Caution** – cropping can cause **Interpolation** which may affect image quality.
- Width, Height & Resolution can be set.

- **Perspective**

- The perspective of the image can be altered with the cropping tool.

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Cropping & Resizing



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Cropping & Resizing

- **Image Size**

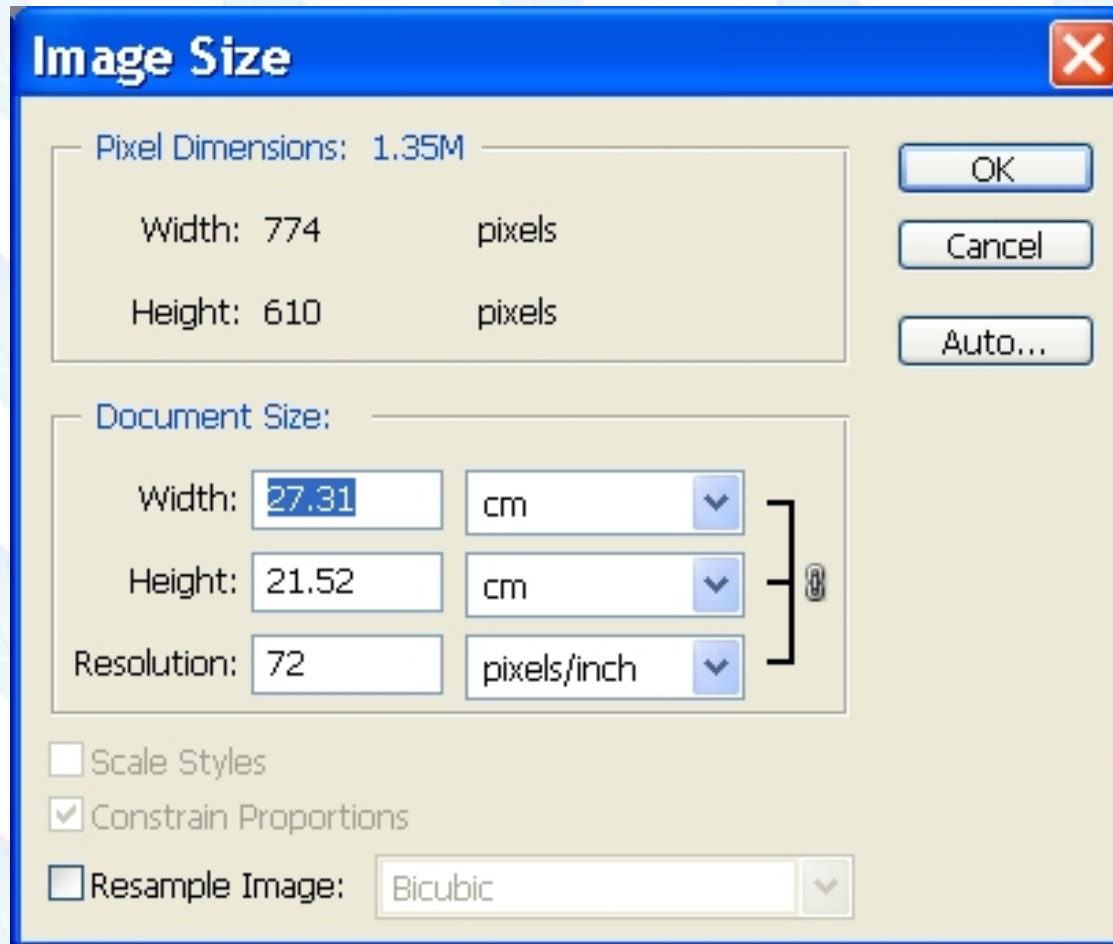
- To adjust image size: Image> Image Size.
- Shortcut: Ctrl + Alt + I
- Allows image to be resized in a number of ways with or without increase to file size.

- **Canvas Size**

- To adjust canvas size: Image> Canvas Size.
- Shortcut: Ctrl + Alt + C
- Allows canvas size to be increased equally on all sides or selectively.

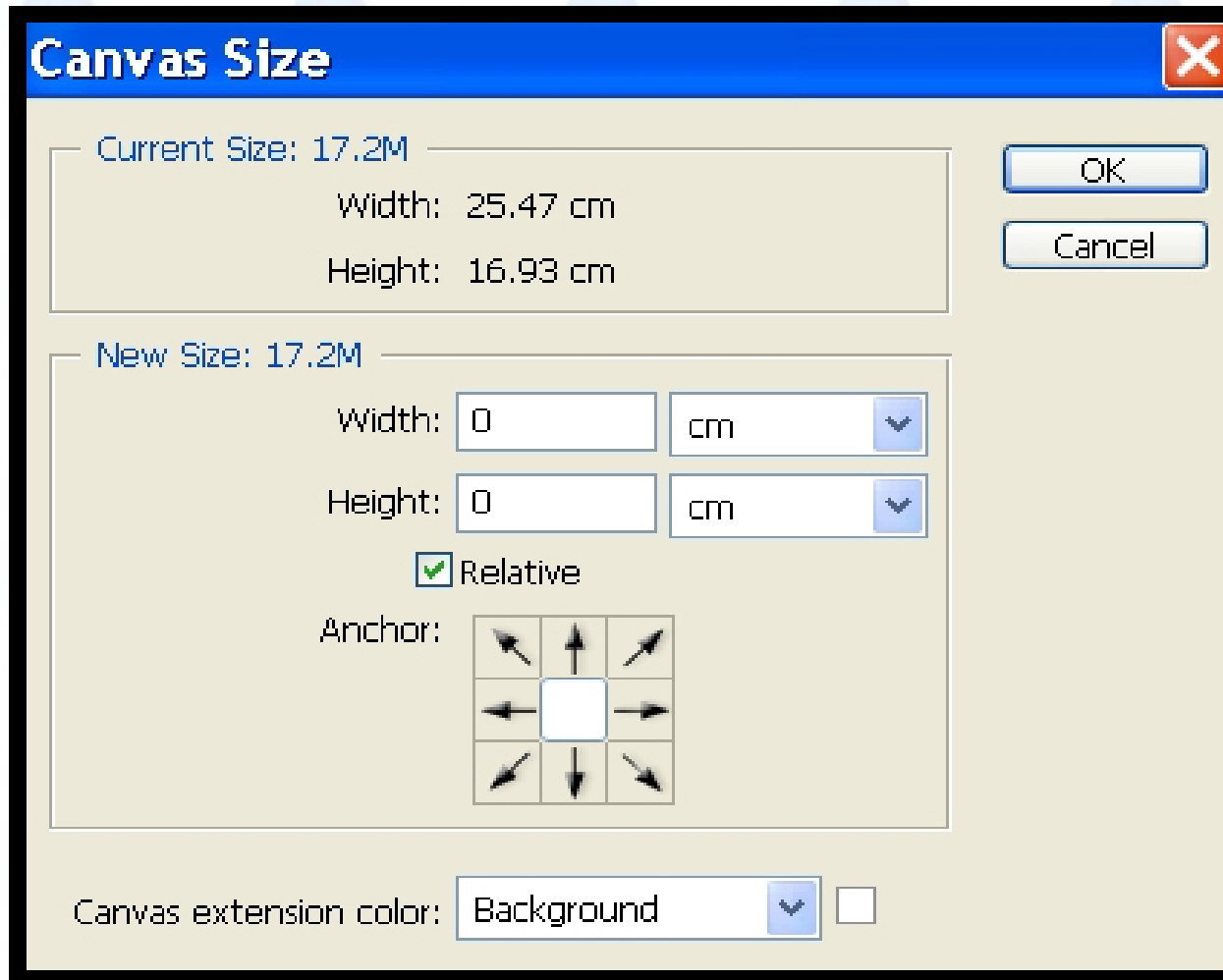
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Cropping & Resizing



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Canvas Size



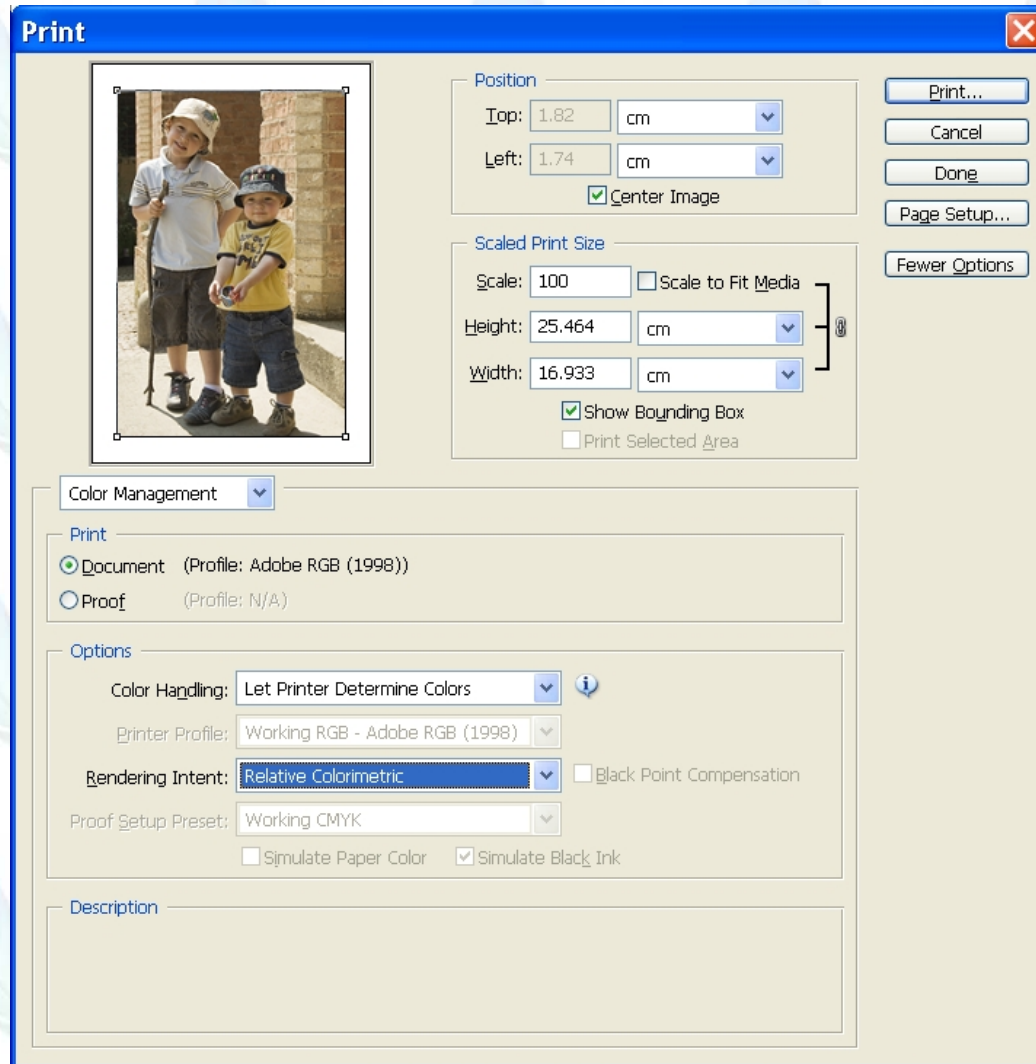
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Printing

- **Print with Preview**
 - To set: File> Print with Preview (Ctrl + Alt + P)
 - Make sure more options button is ticked.
 - Adjust position & scale of image.
 - Set colour management options.
- **Page Setup**
 - Allows correct paper size & orientation to be selected.

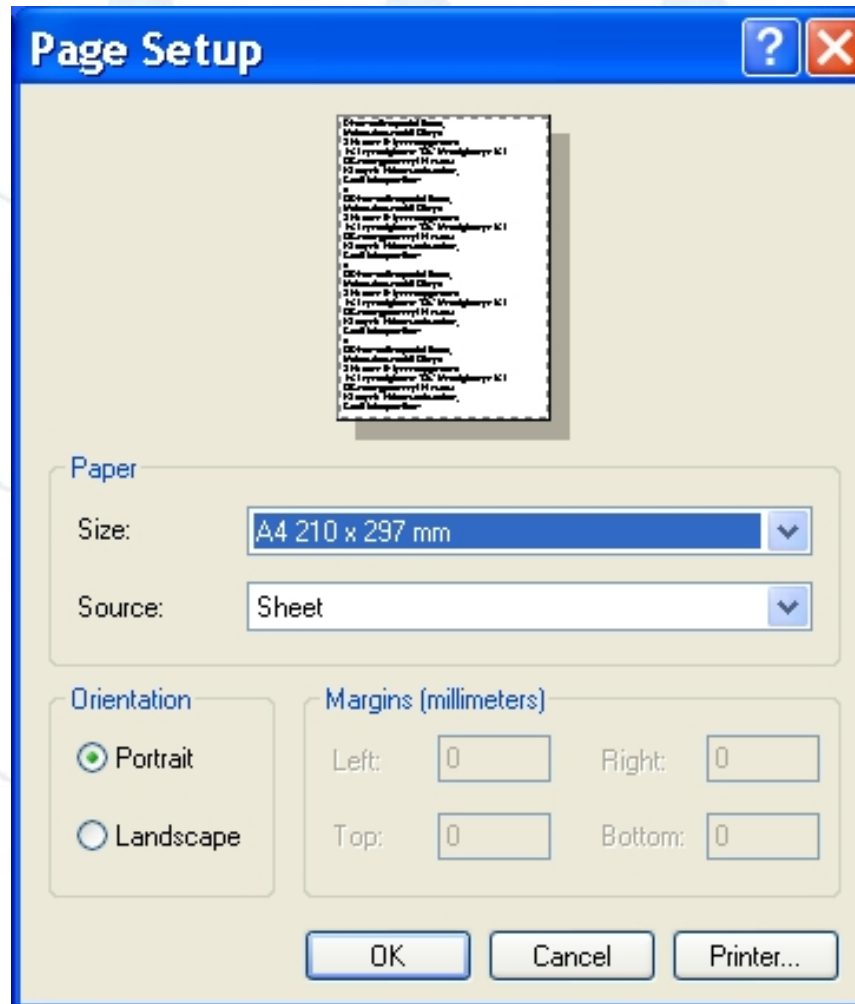
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Printing



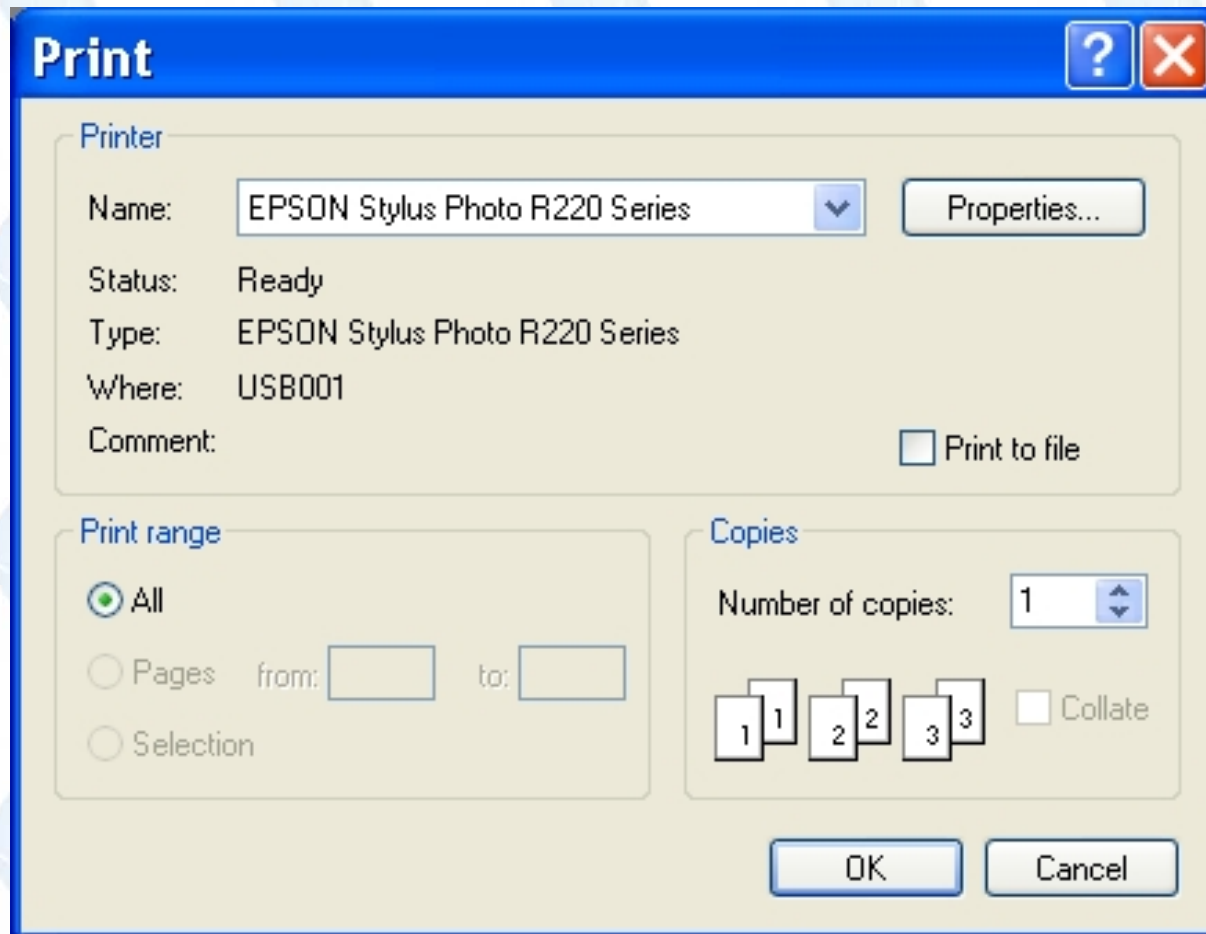
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Printing



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