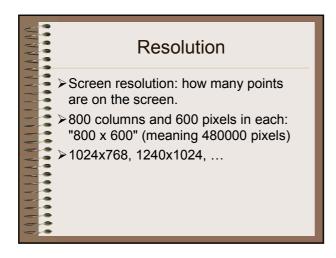
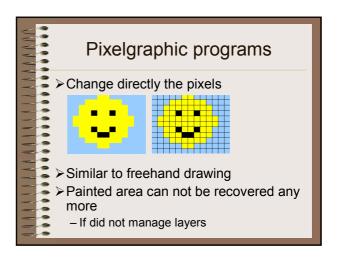


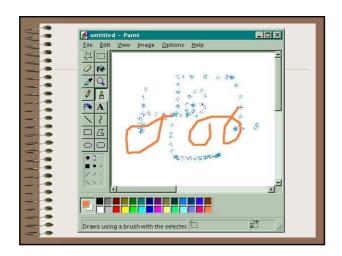
Computer graphics > Pictures by computers > Pixelgraphic programs > Vectorgraphic programos > Charts (Business Graphics) > Prezentation graphics > Graphic file types > Digital cameras

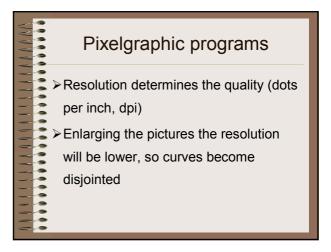
Pictures on the screen Picture = set of painted points Name of a single point: pixel Black and white screen: all pixels are black or white (gray?) On color monitors 4(!), 16, 256, 65 thousand or 16 million colors simultaneously 4 billions colors in printing

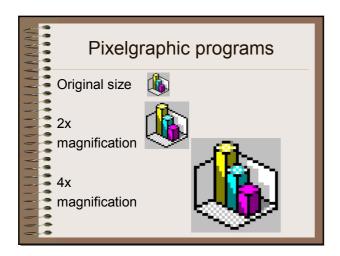


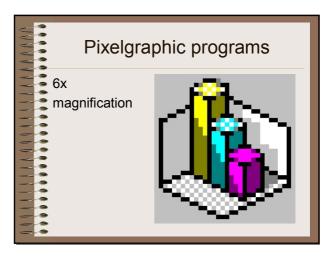


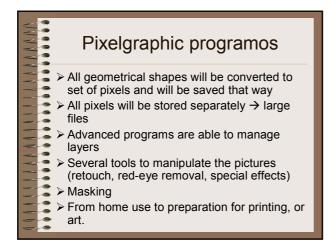


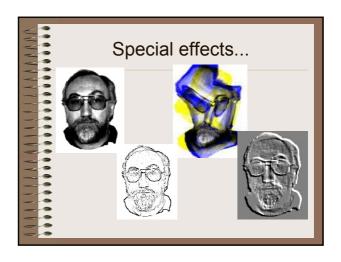




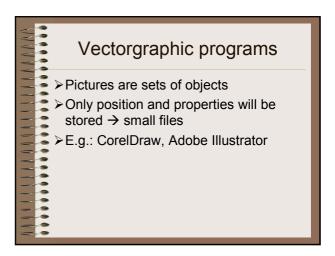


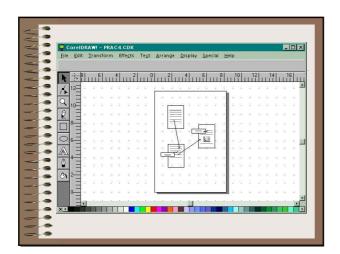


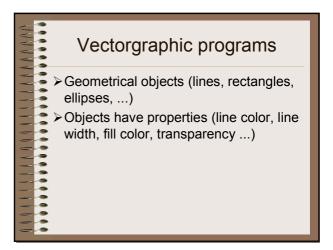


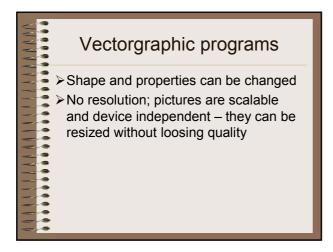


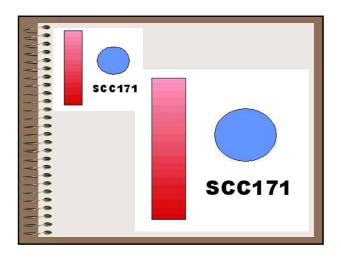
Pixelgraphic programs > Adobe Photoshop (Elements) > Paint Shop Pro > Corel PhotoPaint > Micrografix Picture Publisher > Microsoft Paint ③ > GIMP > Google Picasa > ... > Viewing and cataloging programs

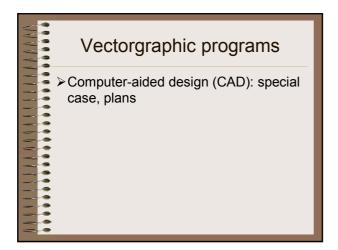


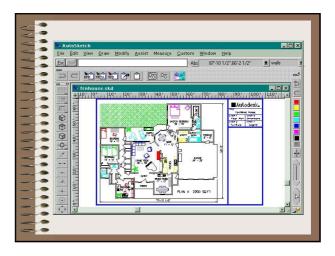


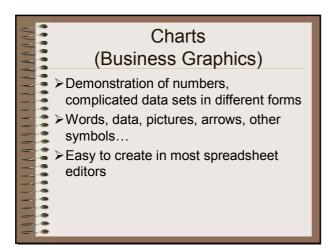


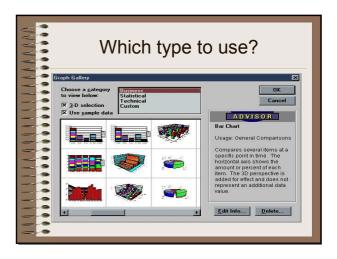


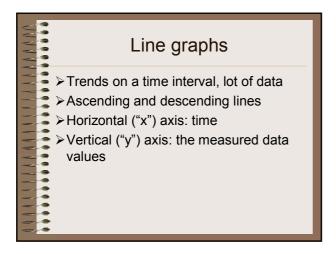


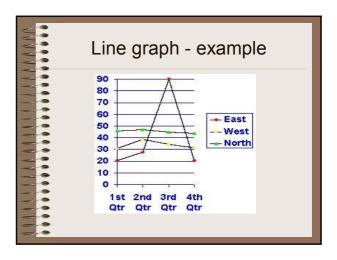


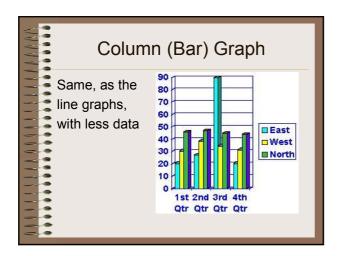


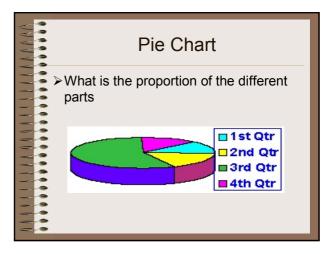


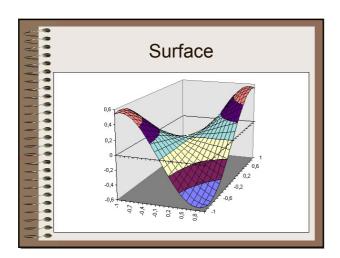


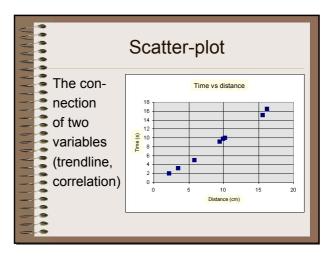


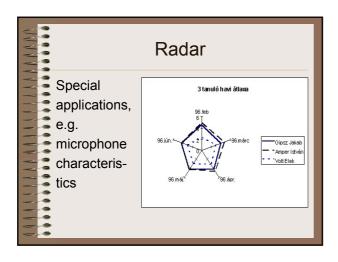


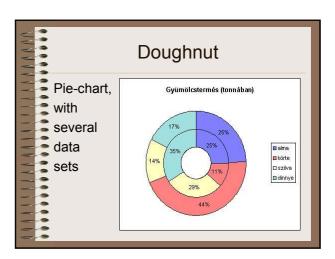


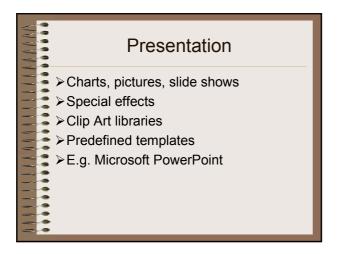




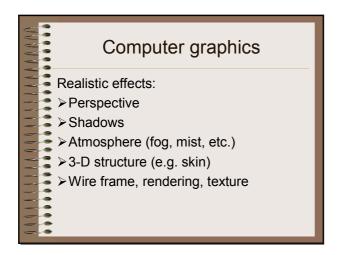


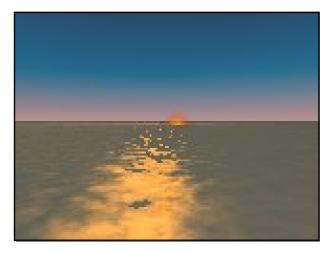


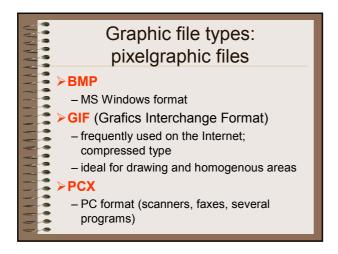


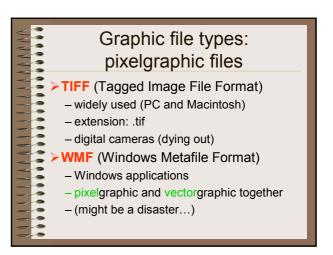




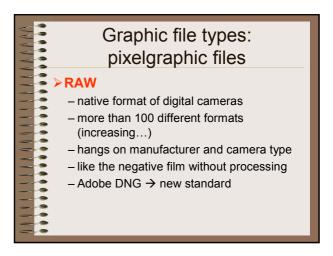


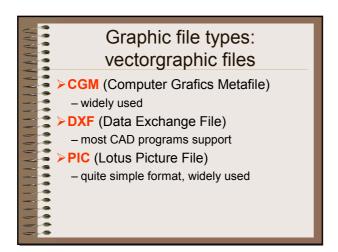


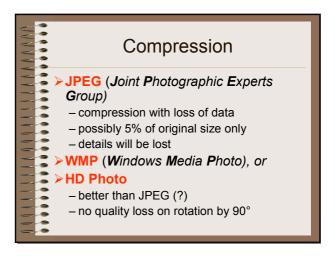




Graphic file types: pixelgraphic files PNG (Portable Network Graphics) - pixelgraphic format - instead of GIF - GIF contained licenced compression algorithm, while PNG contained a free one - newer versions of browsers support it • ... dying out... (I think)















A freeware viewer IrfanView - http://www.irfanview.com/ - to view and edit - transformation between formats - developer: Irfan Skiljan - converts RAW!

Digital cameras > aspect ratio 3:2 or 4:3 (or 16:9) > megapixel (not soft!) → noise > ISO → noise > flash, place of external flash > file type: RAW, TIFF, JPGs > card type, size, speed (useful hardware) > objective quality – chromatic aberration > optical – digital zoom

