California gold rush  
   
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The California gold rush (1848–1855) was a gold rush in California, which began on January 24, 1848,  
when gold was found by James W. Marshall at Sutter's Mill in Coloma, California. The news of gold  
brought approximately 300,000 people from the rest of the United States and abroad to California,  
which had recently been conquered from Mexico. The sudden influx of gold into the money supply  
reinvigorated the American economy; the sudden population increa

## Wikipedia Excerpt: Image processing

Digital image processing is the use of a digital computer to process digital images through an algorithm. As a subcategory or field of digital signal processing, digital image processing has many advantages over analog image processing. It allows a much wider range of algorithms to be applied to the input data and can avoid problems such as the build-up of noise and distortion during processing. Since images are defined over two dimensions (perhaps more), digital image processing may be modeled in the form of multidimensional systems. The generation and development of digital image processing are mainly affected by three factors: first, the development of computers; second, the development of mathematics (especially the creation and improvement of discrete mathematics theory); and third, the demand for a wide range of applications in environment, agriculture, military, industry and medical science has increased.