Nile  
   
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The Nile (also known as the Nile River or River Nile) is an important river in Africa that flows northwards  
into the Mediterranean Sea. At roughly 6,650 km (4,130 mi) long, it is among the longest rivers in the  
world. Its drainage basin covers eleven countries: the Democratic Republic of the Congo, Tanzania,  
Burundi, Rwanda, Uganda, Kenya, Ethiopia, Eritrea, South Sudan, Sudan, and Egypt. It plays an  
important economic role in the economy of these nations, and it is the primary water

## 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.