

Reviewed again.

Assignment-1

Industrial Management

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Engineering as a Profession

The word engineering stands for the art or profession of an engineer. The engineer himself is the person who designs, makes or works with machinery. The profession of an engineer may differ from field to field. In the field of Information Technology (IT), an engineer can be a Software Engineer, Hardware Engineer, Network Engineer, System engineer, Database engineer etc. Each engineer applies their own problem solving methods or techniques. We call these techniques "Algorithms". A software engineer designs software by studying the requirements provided by the customer at the initial state. Then he or she transforms all his or her thoughts into a machinery form by using different programming languages that machines can understand. This profession brings many obstacles to a software engineer while making a software. The most frequent obstacle is one question "How to transform our thoughts into a machinery form?" The answer depends on the skills of an engineer. The database engineer works theoretically most of the times. They design database where all the data of the system are stored. Any kind of software is developed on the basis of the database. The efficiency of a software depends mostly on an advance and efficient database. It is the job of the database engineer to design such database that will fulfill all the data storing requirements. With the tremendous growth of IT sectors all around the world, demand of engineers is increasing so fast nowadays. Industrialists, big IT companies are searching real talents all over the world. Each and every country of the world is feeling the need of development of IT sectors and so the need of engineers. The world's most popular manufacturer companies like Microsoft, Apple, Google, HP, ASUS, ACER etc. are offering huge salaries to hire an engineer. The necessity and importance of the profession of an engineer cannot be explained in few words in the current flow of the world. It is a great opportunity to all the people of the world who loves to work with machines. This profession has opened a great platform for them to prove their talent in front of the world.

Top 20 IT companies of the world

Company Name	Founder Name	Headquarter
Apple	Steve Jobs	Cupertino, California
Samsung	Byung-Chull Lee	Seoul, South Korea
Toyota	Kiichiro Toyoda	Toyoto, Aichi
IBM	Thomas John	Armonk, New York
HP	Bill Hewlett & Dave Packard	Palo Alto, CA, USA
Intel	Robert Noyce & Gordon Moore	Santa Clara, CA, USA
Microsoft	Bill Gates	Redmond, WA, USA
Motorola	Paul Galvin	Chicago, Schaumburg
Google	Larry Page, Sergey Brin	Mountain View, CA, USA
Hitachi	Namihei odaira	Tokyo, Japan
Sony	Masaru Ibuka,Akio Morita	Tokyo, Japan
Panasonic	Konosuke Matsushita	Osaka, Japan
Oracle	Ed Oates, Larry Ellison, Bob Miner	Redwood city,CA
Dell	Michael S. Dell	Austin, TX, USA
Toshiba	Tanaka Hisashige	Tokyo, Japan
Huawei	Ren Zhengfei	Shenzhen, Guangdong
Foxconn	Terry Gou	New Taipei, Taiwan
Adobe Systems	John Warnock, Charles Geschke	San Jose, CA
Cisco Systems	Sandra Lerner, Leonard Bosack	West Tasman, San Jose, CA
Sun Microsystems	Bil Joy, Vaughan Ronald, Scott	Santa Clara, CA