

THE UNIX OPERATING SYSTEM

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PREFACE


For smooth and efficient working of computer system an operating system is necessary. Without the help of operating system, computer can't work or perform any operation. Hence, operating system is basic and vital need of computer what a computer user can understand. But, the question is that which operating system is best because many operating systems are available in the market. UNIX operating system is a secure operating system as compared to other operating systems like windows. UNIX is a powerful operating system which is a type of program which can manage and control various other parts of any computer system including the hardware and the software parts. UNIX operating system helps to allocate the resources of computer and scheduling the various jobs. It permits user for utilizing the various facilities given by the system. UNIX operating system is a type of operating system that can handle multiple users and perform various tasks at same time that's why it is multi user and multi tasking operating system. Various users can work on computer at same time and they can perform various tasks by executing them simultaneously .All these facilities are provided by the UNIX operating system. One more interesting thing about UNIX is that it is an independent operating system which means that it is not. For working of computer system an operating system is necessary. For working of computer system an operating system is necessary machine dependent operating system.


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Firstly, I would like to thank the god for giving me the ability to make this book, which is related to the stream of computer science and engineering .I would like to thanks for the people who gave me continuous support and help for making this book complete in numerous ways by providing their suggestions and assistance from the day when the idea of the book came. I am thankful to publishers for the processes of preparing the manuscript fast with good quality and excellence without any kind of delays. I would like to thanks for the publishers for the making book with good style and design. I hope that this book will be helpful for the readers in their all going on researches; to understand basics of the UNIX operating system including various services and functions of the operating system and various UNIX commands like basic commands of UNIX, file management commands etc. I put all of my best efforts for making this book of UNIX operating System. This is possible by the grace of God. I hope that this book will be helpful for various authors, researchers and students to perform research, in study and for learning some basics of the UNIX operating system including UNIX processes. This book has been written by judging the various kinds of the difficulties being faced by the students of BCA, MCA, M.Sc.(IT).

 *Simarjeet Kaur*

 *Sarbjeet Singh*

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