



Saket Mehta



sonam Vashist Mani Am rin Ravish verma Saket Mehta

Participants (9)

Search

- SK Shishir Kumar Host, me
- Ravish verma
- A Amrin
- A anshu886singh
- PP Pritam Prakash
- SM Saket Mehta
- S sonam
- VM Vashist Mani
- V vishalkumar750399

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A

R

P

AA

K

adityaraj8244

rahuljeh00021

pankajpankaj8443@gmail...

Aryan Anshh

krianshika64611

Raushan Kumar

computer and the user.

The computer programs that allocate the system resources and coordinate all the details of the computer's internals is called the operating system or kernel. Users communicate with the kernel through a program known as the shell. The shell is a command line interpreter; it translates commands entered by the user and converts them into a language that is understood by the kernel.

- Unix was originally developed in 1969 by a group of AT&T employees at Bell Labs, including Ken Thompson, Dennis Ritchie, Douglas McIlroy
- There are various Unix variants available in the market. Solaris Unix, AIX, HP Unix and BSD are few examples. Linux is also a flavor of Unix which is freely available.
- Several people can use a UNIX computer at the same time; hence UNIX is called a multiuser system.
- A user can also run multiple programs at the same time; hence UNIX is called multitasking

Participants (7)

Search

SK Shishir Kumar  
Host, me

A adityaraj8244

AA Aryan Anshh

K krianshika64611

P pankajpankaj8443@gmail.com

R rahuljeh00021

RK Raushan Kumar

Chat

to sarojkumarkopa05 (privately):

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## Searching

Searching is a process of looking for a value in a given list. If value is found then display at which location it was found otherwise display not found.

Searching is of two types-

1. Linear search
2. Binary search

1. Linear search: - linear search is a process of search a value from a list. This process is very slow process of searching. In this process a value, which is for searched, compared with very value from a list. And then if found it display its location and if not found it display not found. It works on any type of list-sorted or unsorted.

PROGRAM:

```
/*-----Program of linear search-----*/
```

```
#include<stdio.h>
```

```
#include<conio.h>
```

```
#define SIZE 5
```

```
void main()
```

```
{
```

```
clrscr();
```

```
int i,v,loc,f=0;
```

```
int a[SIZE];
```

```
for(i=0;i<SIZE;i++)
```

```
{
```

```
printf("\n\tEnter value :- ");
```

```
scanf("%d",&a[i]);
```

```
}
```

```
clrscr();
```

```
printf("\n\tEnter value to search :- ");
```



shubhamkr6111998@gmail.com

Participants (5)

Search



Shishir Kumar  
Host, me



Abhishek Kumar



Aman Raj

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