



Introduction to Data Structures



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Introduction to Data Structures



English Dictionary



City map

ABC Hardware Cash Book - 03/01/2013 to 03/31/2013

S. no.	Date	Particulars	Debit	Credit
1	03/01/2013	Opening balance		50000
2	03/02/2013	Transport bill	2000	
3	03/07/2013	Goods sales		1500
4	03/08/2013	Bank Loan		5000
5	03/15/2013	Goods sales		1000
6	03/17/2013	Electricity bill	1200	
7	03/21/2013	Good sales		1200
8	03/25/2013	Hardware purchase	500	
9	03/29/2013	Employee salary	20000	
10	03/31/2013	Closing Balance	35000	
		Total	58,700	58,700

Introduction to Data Structures

A data structure is a way to store and organize data in a computer, so that it can be used efficiently.

We talk about data-structures as:

1) Mathematical/logical models



- Turned on/off
 - Recieve signals
 - Audio/video
- Abstract view

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List as abstract data type

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_list

- Store a given number of elements of a given data-type
- Write/modify element at a position
- Read element at a position

Are you talking about Arrays?

```
int A[10];
```

```
A[0] = 2;
```

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