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## DATA REPORT

The Data Report is used to create a report in V-Basic. A report is used to display the database fields in organised way.

Eg:- If we want to display daily or Monthly report of a product sale then we can display it using Data Report.

### \* Creating Report

In order to create report we can use 'Microsoft data report' tool. The Microsoft data report designer is a data report generator that features the ability to create hierarchical report.

Use in conjunction with a data source such as Data environment designer. We can create reports from several diff. relational tables the



## \* Sections of Data Report Designer :-

### \* Report Header :-

Report Header contains the text that appears at the very beginning of the report. Such as Report title, Author, Data Base name

### \* Page Header :-

Page Header contains information that goes at the top of every page, such as Report title.

### \* Group Header / Footer :-

It contains a repeating section of the data report. Each group header is matched with group footer.



### \* Details :-

It contains the inner most repeating part of the Report. It contains the Data.

### \* Page Footer :-

It contains the text that appears at the bottom of every pages such as:-  
Page No.

### \* Report Footer :-

Report Footer contains the text that appears at very end of the report.

Such as:- Summary information, contact name.

The Report footer appears between the last page header & page footer.

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### \* Data Report Controls :-

The new Data Report Designer is added to a project. The following controls are automatically pasted in the Tool Box tab named:-  
Data Report.

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1) ~~There are~~ Text box control (Rpt Text):

It allow us to format text or assign a data format.

2) Label Control (Rpt Label) :-

It allow us to place label on the report to identify fields & sections.

3) Image Control (Rpt Image) :-

It enable us to place graphics on our report. Note that this control cannot be bound with data field.

4) Line Control (Rpt Line) :-

It provide us to draw a line on the report to differentiate the section.

5) Shape Control (Rpt Shape) :-

It enable us to place rectangles, triangle, <sup>circle</sup> on a report

6) Function Control (Rpt function) :-

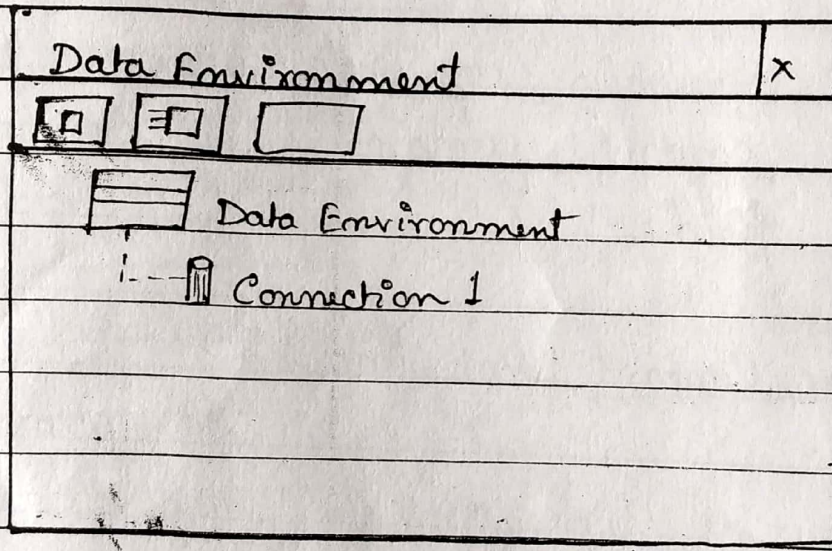
A text box that can calculates values as the report



is generated.

## \* Steps for Creating Data Report in V. Basic

Step 1:- Open a standard exe project & then select data environment from project menu then data environment window appear on V. Basic IDE.



Step 2:- Right click on data environment object (connection 1) then select property option to set the Data Base property.

Step 3:- Select 'Microsoft jet 4.0 OLEDB provider'. Then select the for accessing jet

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database

Step 5:- Click on Next button to get connection tab of Data Link property dialog box.

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Step 6:- Click on ellipsis button to the 1<sup>st</sup> text box to select a access data base then click on OK button after selecting text connection button.

Step 7:- Right click on data environment object (connection 1) & then select add command option. Command 1



is added. Right click on command 1 object & select property to option to display command 1 property dialog box. In the d. box set the following properties as Command Name → Command 1, Connection → Connection 1 Database object → Set table from ~~HSI~~ List. Object name → Select your table name.

Command Property		X
General		
Command Name	Command 1	
Connection	Connection 1 ▼	
Source of Data		
<input checked="" type="radio"/> Database Object	Table ▼	
Object name	Student ▼	
<input type="radio"/> SQL Statement		
<div style="border: 1px solid black; height: 40px; width: 100%;"></div>		
OK		



The following steps should be followed to design a report:-

- 1) On property window of Data Report, click Data Source property & then select 'Data Environment' to set it as Data Source.
- 2) Then click on Data Member & select the command object (As command1).
- 3) Click on Command1 (command object) of data environment & Drag them to Data Report.
- 4) Arrange the fields of the table as per user requirement.



- 5) For running the report, select project property option from project menu.
- 6) Change the startup object to 'Data Report' & then click on 'OK' button.
- 7) Run the project our report will be Run.

### \* Creating an 'Exe' file :-

Step 1:- Firstly create & save the application.

Step 2:- Select file menu & then select the 'Make exe <project name>:-

e.g. If the project name is student-info then option "make-exe student-info.vbp" will display in file menu.

Step 3:- A make project dialog box will display.

Step 4:- Give the exe name & click on 'OK' button.



Step 5:- The exe file will be created in specified directories.

## \* Package & Deployment Wizard :-

The package & Deployment wizard is used to packaging our project file or in other word we can say that it is used to create a setup file, of our project.

The following steps should be followed while creating a setup.

Step 1:- Select start menu then select 'All programs', then select <sup>Microsoft Visual Studio 6.0 tools</sup> Microsoft Visual Studio 6.0, & finally click on package & deployment wizard' of Microsoft visual studio tools option. then package deployment wizard d. box will appear.