

SSRS

- 1) Using Wizard to show students data as tabular
 - Add footer and header
 - Add image as logo on header
 - Add user Name and execution time in Footer
 - Display full name using expression
 - Add Conditional format that highlights students who have age >23
 - Render the report as PDF
 - Allow interactive sorting on st_age
 - Display the count of students in the last row
- 2) Using report Wizard to display topic name and courses data for each topic

Note: display each topic in separate page

Add Built in Expressions “Page number out of pages”

- 3) Run the following queries in SQLserver then create a report as Matrix Report that display sum of quantity per productID and SalesManName

```
create table sales
(
ProductID int,
SalesmanName varchar(10),
Quantity int
)
Go

insert into sales
values (1,'ahmed',10),
      (1,'khalid',20),
      (1,'ali',45),
      (2,'ahmed',15),
      (2,'khalid',30),
      (2,'ali',20),
      (3,'ahmed',30),
      (4,'ali',80),
      (1,'ahmed',25),
      (1,'khalid',10),
      (1,'ali',100),
      (2,'ahmed',55),
      (2,'khalid',40),
      (2,'ali',70),
      (3,'ahmed',30),
      (4,'ali',90),
      (3,'khalid',30),
      (4,'khalid',90)
```

- 4) Create the previous report as a chart
- 5) Create report that display student grades with student name and Course name as indicator
 - a. Grade from 0 to 50 will be red

- b. Grade from 51 to 60 will be yellow
 - c. Grade from 61 to 100 will be green
- 6) Create report that display all courses data using Stored Procedure
- 7) Create report that display all student data using Stored Procedure that takes 2 parameters [Age1 and age2] and then Display parameters in the header by using Expressions
- 8) Create report that display students data per dept_id as a parameter and allow user to choose many departments and display all the selected departments on the header of the report
Note: parameter will be dropdownlist
- 9) Give an example for linked reports
- 10) Display data from Analysis service (cube) and try to filter it by year