**Reports:**

1. **Student info by dept ID:**

create proc SP\_RP\_STDINF (@dep\_ID nvarchar(50))

as

if(ISNUMERIC(@dep\_ID)=1)

begin

if exists (select \* from Department where Dept\_ID=@dep\_ID)

begin

select \* from Student where Dept\_id=@dep\_ID

end

else

begin

select 'There is no department with this id : '+@dep\_ID

end

end

else

begin

select 'Check the data !!'

end

SP\_RP\_STDINF '100'

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

1. **Student results in all courses by std\_ID:**

alter proc SP\_SELECTSTUDENTRESULTS (@std\_ID nvarchar(50) , @course\_name nvarchar(50)=null)

as

if(ISNUMERIC(@std\_ID)=1)

begin

if(ISNUMERIC(@course\_name)=0)

begin

if(@course\_name is not null)

begin

if exists (select \* from Student where Std\_ID=@std\_ID)

begin

if exists (select \* from Course as c where c.Course\_Name=@course\_name)

begin

declare @co\_ID nvarchar(50);

select @co\_ID=c.Course\_ID from Course as c where c.Course\_Name=@course\_name

select er.Std\_ID , er.Exam\_ID , er.Std\_Result from Std\_Exam\_Result as er

where er.Std\_ID=@std\_ID and er.Exam\_ID in (select e.Exam\_ID from Exam as e where e.Course\_ID=@co\_ID)

end

else

begin

select 'There is no course with this name : '+@course\_name

end

end

else

begin

select 'There is no student with this id : '+@std\_ID

end

end

else

begin

if(@course\_name is null)

begin

select \* from Std\_Exam\_Result as er where Std\_ID=@std\_ID

end

else

begin

select 'Check the data 11 !!'

end

end

end

else

begin

select 'Check the data 22 !!'

end

end

else

begin

select 'Check the data 33 !!'

end

SP\_SELECTSTUDENTRESULTS 101

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

1. **Instructor courses with no of students in each course**

create proc SP\_RP\_INSTRUCTORCOURSESWITHSTUDENT (@ins\_ID nvarchar(50))

as

if(ISNUMERIC(@ins\_ID)=1)

begin

if exists (select \* from Instructor as i where i.Ins\_ID=@ins\_ID)

begin

select COUNT(s.Std\_ID) as NO\_OF\_STUDENTS,i.Ins\_ID,i.Ins\_FName,ic.Course\_ID,c.Course\_Name

from Student as s

inner join Department as d on d.Dept\_ID=s.Dept\_id

inner join Instructor as i on i.Dept\_ID=d.Dept\_ID

inner join Ins\_Course as ic on ic.Ins\_ID=i.Ins\_ID and ic.Ins\_ID=@ins\_ID

inner join Course as c on c.Course\_ID=ic.Course\_ID

group by s.Dept\_id , i.Ins\_ID , ic.Course\_ID , i.Ins\_FName ,c.Course\_Name

end

else

begin

select 'There is no instructor with this id : '+@ins\_ID

end

end

else

begin

select 'Check your data !!'

end

SP\_RP\_INSTRUCTORCOURSESWITHSTUDENT 1000

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

1. **Course\_Topic:**

create proc SP\_RP\_COURSETOPIC(@co\_ID nvarchar(50))

as

if(ISNUMERIC(@co\_ID)=1)

begin

if exists (select \* from Course as c where c.Course\_ID=@co\_ID)

begin

select c.Course\_ID , c.Course\_Name , t.Name from Course as c

inner join Topic as t on c.Topic\_ID = t.ID

where c.Course\_ID=@co\_ID

end

else

begin

select 'There is no course with this ID : '+@co\_ID

end

end

else

begin

select 'Check the data !!'

end

SP\_RP\_COURSETOPIC '2000'

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**5) Exam Questions :**

create proc SP\_RP\_SELECTEXAMQUESTIONWITHCHOICES (@examNumber nvarchar(50))

as

if(ISNUMERIC(@examNumber)=1)

begin

if exists(select \* from Exam as e where e.Exam\_ID=@examNumber)

begin

if exists (select \* from Exam\_Questions as eq where eq.Exam\_ID=@examNumber)

begin

select eq.Exam\_ID , q.Q\_ID , q.Q\_Desc,q.Choice\_1,q.Choice\_2,q.Choice\_3,q.Choice\_4 from Exam\_Questions as eq

inner join Question as q on eq.Q\_ID=q.Q\_ID

where eq.Exam\_ID=@examNumber

end

else

begin

select 'There is no Questions for this exam : '+@examNumber

end

end

else

begin

select 'There is no exam with this id :'+@examNumber

end

end

else

begin

select 'Check your data the input must an exam ID !!!'

end

SP\_RP\_SELECTEXAMQUESTIONWITHCHOICES 5000

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**6) Exam with student answer:**

create proc SP\_RP\_SELECTSTDANSWERS(@STD\_ID nvarchar(50),@EXAM\_ID nvarchar(50))

as

if(ISNUMERIC(@STD\_ID)=1)

begin

if(ISNUMERIC(@EXAM\_ID)=1)

begin

if exists (select \* from Student as s where s.Std\_ID=@STD\_ID)

begin

if exists (select \* from Exam as ex where ex.Exam\_ID=@EXAM\_ID)

begin

if exists (select \* from Std\_Answers as s where s.Exam\_ID=@EXAM\_ID and s.Std\_ID=@STD\_ID)

begin

select s.Std\_ID , s.Exam\_ID , s.Q\_ID , q.Q\_Desc , s.Std\_Ans from Std\_Answers as s

inner join Question as q on s.Q\_ID=q.Q\_ID

end

else

begin

select 'There is no answers for this student in this selected exam'

end

end

else

begin

select 'There is no exam with this id : '+@EXAM\_ID

end

end

else

begin

select 'There is no student with this id : '+@STD\_ID

end

end

else

begin

select 'Check the data !!'

end

end

else

begin

select 'Check the data !!'

end

SP\_RP\_SELECTSTDANSWERS 101,5000

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***