

# HW5\_Output.txt

## Problem 1

List of students born between 1991-06-16 and 1996-09-15

ID	name	DOB
-----	-----	-----
1000002	F4242	1994-06-21
1000003	F4243	1995-01-17
1000008	F4248	1991-11-20
1000011	F424B	1994-07-12
1000015	F424F	1995-03-04
1000018	F4252	1992-04-22
1000021	F4255	1995-12-10
1000026	F425A	1996-07-22
1000027	F425B	1993-01-03
1000029	F425D	1993-11-12
1000031	F425F	1994-02-24
1000036	F4264	1996-06-05
1000043	F426B	1993-02-20
1000046	F426E	1994-02-23
1000051	F4273	1992-03-29
1000053	F4275	1995-10-19
1000066	F4282	1994-07-03
1000067	F4283	1996-03-21
1000069	F4285	1994-01-15
1000071	F4287	1993-08-16
1000075	F428B	1992-10-12
1000077	F428D	1992-04-01
1000079	F428F	1993-07-01
1000081	F4291	1995-11-07
1000083	F4293	1991-07-09
1000084	F4294	1993-05-17
1000085	F4295	1996-01-11
1000088	F4298	1993-02-23
1000094	F429E	1992-06-18
1000097	F42A1	1995-08-04
1000098	F42A2	1994-03-21
1000100	F42A4	1995-07-25
1000104	F42A8	1991-08-15
1000105	F42A9	1995-04-23
1000106	F42AA	1995-07-19
1000107	F42AB	1991-09-10
1000112	F42B0	1991-11-05
1000116	F42B4	1993-10-13
1000118	F42B6	1992-09-09
1000119	F42B7	1995-02-03
1000121	F42B9	1993-06-26
1000125	F42BD	1996-03-18
1000126	F42BE	1996-05-28
1000127	F42BF	1994-10-08

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1000128	F42C0	1994-01-01
1000129	F42C1	1992-04-03
1000135	F42C7	1993-04-08
1000136	F42C8	1996-06-18
1000139	F42CB	1994-08-26
1000145	F42D1	1991-08-28
1000149	F42D5	1994-01-24
1000151	F42D7	1995-06-29
1000154	F42DA	1992-05-05
1000156	F42DC	1995-05-26
1000158	F42DE	1994-06-21
1000159	F42DF	1996-04-27
1000160	F42E0	1996-02-12
1000163	F42E3	1994-12-26
1000167	F42E7	1991-08-21
1000171	F42EB	1994-09-09
1000172	F42EC	1993-09-11
1000174	F42EE	1996-04-24
1000177	F42F1	1993-02-08
1000178	F42F2	1995-03-04
1000180	F42F4	1993-06-02
1000181	F42F5	1993-06-04
1000182	F42F6	1994-03-27
1000183	F42F7	1991-12-04
1000184	F42F8	1994-04-17
1000190	F42FE	1996-09-06
1000191	F42FF	1993-03-07
1000196	F4304	1995-08-08
1000197	F4305	1996-09-13
1000198	F4306	1995-12-14
1000200	F4308	1993-08-20
1000203	F430B	1993-03-07
1000210	F4312	1993-10-26
1000213	F4315	1994-03-06
1000214	F4316	1994-01-22
1000216	F4318	1996-02-26
1000217	F4319	1992-10-08
1000219	F431B	1994-06-18
1000220	F431C	1993-07-28
1000222	F431E	1996-02-15
1000229	F4325	1992-11-02
1000234	F432A	1995-06-29
1000238	F432E	1996-08-09

## Problem 2

Number of students born between 1991-06-16 and 1996-09-15

COUNT(\*)

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## Problem 3

List of students who have missed one or more labs

ID	name	name	Score
-----	-----	-----	-----
1000017	F4251	Lab #3 (2786810)	0.0
1000019	F4253	Lab #1 (2829219)	0.0
1000029	F425D	Lab #2 (2786809)	0.0
1000029	F425D	Lab #7 (2786813)	0.0
1000042	F426A	Lab #1 (2829219)	0.0
1000054	F4276	Lab #2 (2786809)	0.0
1000058	F427A	Lab #6 (2786812)	0.0
1000064	F4280	Lab #10 (2786815)	0.0
1000065	F4281	Lab #10 (2786815)	0.0
1000071	F4287	Lab #6 (2786812)	0.0
1000081	F4291	Lab #10 (2786815)	0.0
1000091	F429B	Lab #10 (2786815)	0.0
1000093	F429D	Lab #3 (2786810)	0.0
1000111	F42AF	Lab #1 (2829219)	0.0
1000111	F42AF	Lab #10 (2786815)	0.0
1000117	F42B5	Lab #1 (2829219)	0.0
1000118	F42B6	Lab #3 (2786810)	0.0
1000132	F42C4	Lab #1 (2829219)	0.0
1000172	F42EC	Lab #1 (2829219)	0.0
1000172	F42EC	Lab #2 (2786809)	0.0
1000195	F4303	Lab #1 (2829219)	0.0
1000197	F4305	Lab #1 (2829219)	0.0
1000203	F430B	Lab #8 (2870743)	0.0
1000209	F4311	Lab #2 (2786809)	0.0
1000209	F4311	Lab #7 (2786813)	0.0
1000219	F431B	Lab #8 (2870743)	0.0
1000228	F4324	Lab #8 (2870743)	0.0
1000229	F4325	Lab #1 (2829219)	0.0

## Problem 4

Name of student with best score on the final

name	name	MAX(c.Score)
-----	-----	-----
F42DC	Final Exam (2786798)	96.0

## Problem 5

Midterm 1 Average

AVG(c.Score)

-----  
 66.2238493723849

Closest Student to Class Average

		HW5_Output.txt
name	name	Score
-----	-----	-----
F42C0	Midterm 1 (2786796)	66.0

#### Problem 6

Accumulated homework score for students from Problems 4 and 5

Student Name	Assignment Sum	Lab Sum	Midterm Sum	Final Sum
-----	-----	-----	-----	-----
F42C0	606.0	101.0	142.5	71.5
F42DC	606.0	103.0	179.0	96.0

#### Problem 7

Create a VIEW

Reporting VIEW:

ID	name	name:1
-----	-----	-----
1	Homework Assignment #1 (2786783)	Assignment
3	Homework Assignment #2 (2786789)	Assignment
5	Homework Assignment #3 (2786785)	Assignment
7	Homework Assignment #4 (2786784)	Assignment
9	Homework Assignment #5 - Quick A	Assignment
10	Homework Assignment #5 - Problem	Assignment
13	Homework Assignment #6 (2786791)	Assignment
15	Homework Assignment #7 (2786790)	Assignment
17	Homework Assignment #8 (2786787)	Assignment
23	Bonus Assignment #9 (2786795)	Assignment
22	Final Exam (2786798)	Final
2	Lab #1 (2829219)	Labs
4	Lab #2 (2786809)	Labs
6	Lab #3 (2786810)	Labs
8	Lab #4 (2786811)	Labs
11	Lab #5 (2856765)	Labs
14	Lab #6 (2786812)	Labs
16	Lab #7 (2786813)	Labs
19	Lab #8 (2870743)	Labs
20	Lab #9 - Beam Lab (2786814)	Labs
21	Lab #10 (2786815)	Labs
12	Midterm 1 (2786796)	Midterm
18	Midterm 2 (2786797)	Midterm

.schema altAssignments

```
CREATE VIEW altAssignments AS
  SELECT a.ID, a.name, t.name
  FROM Assignments as a, Types as t
  WHERE t.typeID = a.typeID
  ORDER BY t.name;
```

#### Problem 8

Create a user entry for yourself in Students

Input assignment scores in Scores

Displaying updated Students

ID	name	DOB
5052392	JLJ23	1992-03-23

Displaying updated Scores

itemID	AssignmentID	StudentID	Score
5498	1	5052392	60.0
5499	3	5052392	60.0
5500	5	5052392	70.0
5501	7	5052392	80.0
5502	9	5052392	21.0
5503	10	5052392	50.0
5504	13	5052392	70.0
5505	15	5052392	60.0
5506	17	5052392	60.0
5507	23	5052392	20.0
5508	2	5052392	10.0
5509	4	5052392	10.0
5510	6	5052392	10.0
5511	8	5052392	10.0
5512	11	5052392	10.0
5513	14	5052392	10.0
5514	16	5052392	10.0
5515	19	5052392	10.0
5516	20	5052392	10.0
5517	21	5052392	10.0
5518	12	5052392	80.0
5519	18	5052392	90.0
5520	22	5052392	99.0