

5.1

A. 1

B. 0

C. 0

D. 030

E. 0

F. 0

G. 0

5.2

A. 110

B. 010

C. 101

D. 011







E. 111









F. 000

G. 02

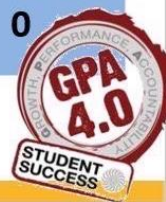
H. 001

### 5.3(Additional Homework)

 score_data.mat		
▼ Workspace		
 Name	 Value	 Size
 N	10	1x1
 score	<i>2x10 double</i>	2x10

 score_data2.mat		
▼ Workspace		
 Name	 Value	 Size
 N	10	1x1
 avg	[86.5000,5...	1x10
 gpa	[4,1,0,1,4.3...	1x10
 score	<i>2x10 double</i>	2x10

Score	Grade	Points	Score	Grade	Points
90~100	A <sup>+</sup>	4.3	67~69	C <sup>+</sup>	2.3
85~89	A	4.0	63~66	C	2.0
80~84	A <sup>-</sup>	3.7	60~62	C <sup>-</sup>	1.7
77~79	B <sup>+</sup>	3.3	40~59	D	1.0
73~76	B	3.0	1~39	E	0
70~72	B <sup>-</sup>	2.7	0	X	0



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5.4

5000	500
10000	1000
15000	2000
22000	3600
30000	6000
38000	8400
50000	14000

5.5

See HW5.pdf

5.6

$x =$

1	2	0
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5.7

200	9
500	15
700	25
1000	40
1500	90