Homework 0 Suggested Solutions
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Problem 1

Workbook "Homework_0.xls" includes the grade book for a class of 20 students.

1. Run al the necessary calculations to produce a table showing the Student Name, Student ID, GPA and Letter Grade ranked from highest GPA to the lowest.

Rank	Student Name	Student ID	GPA	Letter Grade
1	Noah	9904	92.06	A
2	Harper	7976	90.68	A
3	James	8116	87.87	A
4	Liam	7892	84.37	B
5	Amelia	7249	84.04	B
6	Alexander	9369	83.42	B
7	Evelyn	9128	83.4	B
8	William	7442	82.21	B
9	Sophia	8205	81.43	B
10	Isabella	9510	81.24	B
11	Benjamin	9817	81.22	B
12	Henry	9832	80.31	B
13	Emma	8187	79.08	B
14	Ava	8084	78.91	B
15	Charlotte	9185	78.2	B
16	Oliver	9221	76.72	B
17	Olivia	9195	76.1	B
18	Elijah	9257	75.15	B
19	Mia	8965	74.81	C
20	Lucas	7514	70.02	C

2. Plot a 5 bin histogram of the final GPAs:

              Bin 1 …………… 70-75

              Bin 2 …………… 75-80

              Bin 3 …………… 80-85

              Bin 4 …………… 85-90

              Bin 5 …………… 90-95

GPA Histogram - HandRolled Using COUNTIFS

Bin	Count
70-75	2
75-80	6
80-85	9
85-90	1
90-95	2
95-100	0