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	A	B	C	D	E	F	G	H	I	J
1	ID	Name	Gender	Ethnic Group	Cumulative GPA	UPI	Specialisation	Allocated Group		Options
2	1	1	Male	Other	6.929		Biomedical	16		Number of Groups
3	2	2	Female	Other	7.593		Engineering Scienc	10		Time Limit (seconds)
4	3	3	Male	Other	2.500		Software	2		
5	4	4	Male	Other	7.037		Electrical	19		Data Checks
6	5	5	Male	Other	6.571		Engineering Scienc	6		Number of IDs Recor
7	6	6	Male	Asian	3.455		Civil	23		Number of Names Re
8	7	7	Male	Asian	7.852		Civil	14		Number of GPAs Rec
9	8	8	Male	Asian	7.077		Electrical	17		Number of Specialis
10	9	9	Male	Asian	7.593		Engineering Scienc	4		Number of Genders P
11	10	10	Male	Asian	5.593		Mechanical	7		Number of Ethnicities
12	11	11	Male	Asian	6.111		Biomedical	10		
13	12	12	Male	Asian	3.900		Civil	22		Maximum GPA
14	13	13	Male	Asian	7.878		Civil	3		Minimum GPA
15	14	14	Male	Asian	2.926		Computer Systems	19		
16	15	15	Male	Asian	7.259		Electrical	24		Number of Unique Sp
17	16	16	Male	Asian	8.222		Engineering Scienc	11		Number of Unique G
18	17	17	Male	Asian	5.667		Mechanical	5		Number of Unique Et
19	18	18	Female	Asian	4.406		Mechatronics	10		
20	19	19	Male	Asian	6.667		Biomedical	20		Ensure there are no
21	20	20	Male	Asian	3.906		Civil	15		
22	21	21	Male	Asian	5.000		Computer Systems	18		
23	22	22	Male	Asian	7.360		Electrical	5		
24	23	23	Male	Asian	8.919		Engineering Scienc	17		
25	24	24	Male	Asian	6.111		Mechanical	17		
26	25	25	Female	Asian	3.846		Chemical & Material	22		
27	26	26	Female	Asian	6.333		Mechatronics	21		
28	27	27	Male	Asian	6.900		Biomedical	22		
29	28	28	Male	Asian	4.074		Civil	9		
30	29	29	Male	Asian	6.333		Computer Systems	23		
31	30	30	Male	Asian	7.552		Electrical	7		
32	31	31	Male	Asian	6.185		Mechanical	10		
33	32	32	Female	Asian	5.769		Chemical & Material	15		
34	33	33	Female	Asian	7.520		Mechatronics	1		
35	34	34	Male	Asian	7.111		Biomedical	9		

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File Edit Language

```
# beta is the number to adjust the upper bound on number of
# type of people in a group
beta = 1

# The GPA of an 'oustanding' student
outstanding_gpa = 8.00

SPECIALISATIONS = list()
for s in STUDENTS:
    if specialisation[s] != 'Not Applicable':
        if specialisation[s] not in SPECIALISATIONS:
            SPECIALISATIONS.append(specialisation[s])

ETHNICITIES = list()
```

Model Output