Roll 0 101 1 102 2 103 3 104 4 105 5 106 6 107 7 108 8 109	pandas as pd numpy as np ead_csv("student da	ta.csv")		
4 1055 1066 1077 108	Aarav Sharma Isha Verma Rohan Iyer	BE 67	19 20 21	
	Nidhi Patil Karan Mehta Pooja Deshmukh Aditya Joshi	SE 90 TE 74 BE 81 SE 76	192022	
 8 109 9 110 10 111 11 112 12 113 	Vikram Nair Ananya Choudhary Rajat Bansal Priya Sinha	BE 72 SE 95 TE 68 BE 79	22 19 20	
13 114 14 115 15 116 16 117 17 118	Simran Malhotra Manish Reddy Tanya Ghosh Suresh Menon	TE 91 BE 70 SE 87 TE 75	21 23	
18 11919 12020 12121 122	Devendra Chauhan Meenal Saxena Harsh Gupta Swati Srivastava	SE 65 TE 92 BE 78 SE 85	19 21 22 18	
 22 123 23 124 24 125 25 126 26 127 	Bhavana Shetty Rohit Yadav Deepika Banerjee	BE 90 SE 77 TE 82	2122192022	
 27 128 28 129 29 130 30 131 31 132 	Tarun Singh Nikhil Das Riya Paul		212318	
 32 133 33 134 34 135 35 136 36 137 	Varun Agrawal Aditi Nanda Yashwant Pillai	SE 80 TE 94 BE 75	22 19	
 37 138 38 139 39 140 40 141 41 142 	Pallavi Mukherjee Vishal Khatri Shruti Rao	BE 91 SE 72	19 21	
42 14343 14444 14545 146	Meera Nair Sumit Saxena Aniket Joshi Priyanshi Tiwari	SE 86 TE 79 BE 93 SE 70	18 20 22 19	
48 149	Karishma Shah Rahul Sethi Anushka Sharma	TE 82 BE 74 SE 90 TE 88	22 19	
Dut[7]: 80.94 In [9]: df['Mark Dut[9]: 80.5 n [11]: df['Mark	ks'].median()			
df['Age'	Tarks, dtype: int64			
df['Mark ut[15]: 8.234843 n [17]: df.min() ut[17]: Roll Name Class Marks	3839516596			
Age dtype: of f.max() at[19]: Roll Name Class Marks	object 150 Yashwant Pillai TE 95			
	df['Marks'])			
te = grite	Name Clas	ss Marks Ago E 85 20 E 74 20	0	
 10 111 13 114 16 117 19 120 22 123 	Meenal Saxena T	E 91 2: E 75 20 E 92 2:	1 0 1	
25 12628 12931 13234 135	Deepika Banerjee Tarun Singh Tarun Shat Shat Shat Shat Shat Shat Shat Shat	E 82 20 E 79 2 E 73 20 E 94 2	0 1 0	
 37 138 40 141 43 144 46 147 49 150 	Shruti Rao T Sumit Saxena T Dhruv Malhotra T	E 79 20	1 0 1	
te.min() at[31]: Roll Name Class Marks Age dtype: c	102 Aditi Nanda TE 68 20			
te.max() at[33]: Roll Name Class Marks Age dtype: c	150 Tarun Singh TE 94 21 object			
gr2.grou	, 15, 21, 30, 36, 4 [14, 29, 35, 41]}	12], 19: [0,	3, 9, 12, 18, 24,	27, 33, 39, 45, 48], 20: [1, 4, 10, 16, 25, 31, 37, 43, 49], 21: [2, 7, 13, 19, 22, 28, 34, 40, 46], 22: [5, 8, 11, 17, 20, 23, 26, 32, 38, 44]
Roll 2 103 7 108 13 114		89 21 91 21		
 19 120 22 123 28 129 34 135 40 141 	Meenal Saxena TE Arjun Thakur TE Tarun Singh TE Aditi Nanda TE Shruti Rao TE	88 21 79 21 94 21		
Matplotli	Dhruv Malhotra TE seaborn as sns ib is building the load_dataset('iris'	font cache;		ment.
	al_length sepal_width 5.1 3.5 4.9 3.0 4.7 3.2 4.6 3.1	petal_length p 1.4 1.4 1.3 1.5	0.2 setosa 0.2 setosa 0.2 setosa 0.2 setosa 0.2 setosa 0.2 setosa	
3 4 145 146 147	4.6 3.1 5.0 3.6 6.7 3.0 6.3 2.5 6.5 3.0	1.5 1.4 5.2 5.0 5.2	0.2 setosa 0.2 setosa 2.3 virginica 1.9 virginica 2.0 virginica	
148 149 150 rows >	6.5 3.0 6.2 3.4 5.9 3.0 × 5 columns groupby('species')	5.4	2.3 virginica 1.8 virginica	
<pre>ve = gr1 vi = gr1 1 [51]: se</pre>	1.get_group('setosa 1.get_group('versic 1.get_group('virgin	olor') ica')	etal_width species	
0 1 2 3 4	 5.1 3.5 4.9 3.0 4.7 3.2 4.6 3.1 5.0 3.6 	1.4 1.4 1.3 1.5	0.2 setosa 0.2 setosa 0.2 setosa 0.2 setosa 0.2 setosa 0.2 setosa	
5 6 7 8 9	5.4 3.9 4.6 3.4 5.0 3.4 4.4 2.9 4.9 3.1	1.7 1.4 1.5 1.4 1.5	0.4 setosa 0.3 setosa 0.2 setosa 0.2 setosa 0.1 setosa	
10 11 12 13 14	5.4 3.7 4.8 3.4 4.8 3.0 4.3 3.0 5.8 4.0	1.5 1.6 1.4 1.1	0.2 setosa 0.2 setosa 0.1 setosa 0.1 setosa 0.2 setosa	
15 16 17 18	5.7 4.4 5.4 3.9 5.1 3.5 5.7 3.8	1.5 1.3 1.4 1.7	0.4 setosa 0.4 setosa 0.3 setosa 0.3 setosa	
19 20 21 22 23	 5.1 3.8 5.4 3.4 5.1 3.7 4.6 3.6 5.1 3.3 	1.5 1.7 1.5 1.0 1.7	0.3 setosa 0.2 setosa 0.4 setosa 0.2 setosa 0.5 setosa	
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28 29 30 31 32	 5.2 4.7 3.2 4.8 3.1 5.4 3.4 5.2 4.1 	1.4 1.6 1.6 1.5 1.5	0.2 setosa 0.2 setosa 0.2 setosa 0.4 setosa 0.1 setosa	
33 34 35 36 37	 5.5 4.2 4.9 3.1 5.0 3.2 5.5 3.5 4.9 3.6 	1.4 1.5 1.2 1.3 1.4	0.2 setosa 0.2 setosa 0.2 setosa 0.2 setosa 0.1 setosa	
38 39 40 41 42	 4.4 5.1 5.0 4.5 2.3 4.4 3.0 3.4 5.0 3.5 4.5 2.3 4.4 	1.3 1.5 1.3 1.3	0.2 setosa 0.2 setosa 0.3 setosa 0.3 setosa 0.2 setosa	
43 44 45 46 47	5.0 3.5 5.1 3.8	1.6 1.9 1.4 1.6	0.6 setosa0.4 setosa0.3 setosa0.2 setosa	
48 49 n [54]: se.shape	5.3 3.7 5.0 3.3	1.5 1.4	0.2 setosa 0.2 setosa 0.2 setosa	
n [56]: se.descr		50.000000	50.000000 0.246000	
min	4.30000 2.300000 4.80000 3.200000 5.00000 3.400000 5.20000 3.675000	1.000000	0.100000	
25% 50% 75%	5.80000 4.400000	1.575000	0.300000	
25% 50% 75% max n [58]: se['sepa ut[58]: 4.3 n [60]: ve	al_length'].min()	1.575000	0.300000	
25% 50% 75% max n [58]: se['sepa at[58]: 4.3 n [60]: ve at[60]: sepal 50 51 52 53	I_length sepal_width p 7.0 3.2 6.4 3.2 6.9 3.1 5.5 2.3	1.575000 1.900000 4.7 4.5 4.9 4.0	0.300000 0.600000 etal_width species 1.4 versicolor 1.5 versicolor 1.5 versicolor 1.7 versicolor 1.8 versicolor	
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