

Assignment 3,4,5

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1 Adding Image

Figure 1: Japan



2 Adding Table

Table 1: Cities of Japan

Sr.No	City	District	Population
1	Tokyo	Tokyo City	3,906,753,002
2	Osaka	Yamada ken	3,206,453,779
3	Kyoto	Funigawa	2,106,330,110
4	Sapporo	Hokkaido	1,020,030,000

3 Table Examples

Study the following table and answer the questions based on it [2]

Year	Item of Expenditure				
	Salary	Fuel and Transport	Bonus	Interest of Loans	Taxes
1998	288	98	3.00	23.4	83
1999	342	112	2.52	32.5	108
2000	324	101	3.84	41.6	74
2001	336	133	3.68	36.4	88
2002	420	142	3.96	49.4	98

Table 2: Expenditures of a Company (in Lakh Rupees) per Annum Over the given Years.

1. The total amount of bonus paid by the company during the given period is approximately what percent of the total amount of salary paid during this period?
2. Total expenditure on all these items in 1998 was approximately what percent of the total expenditure in 2002?
3. The total expenditure of the company over these items during the year 2000 is?
4. The ratio between the total expenditure on Taxes for all the years and the total expenditure on Fuel and Transport for all the years respectively is approximately?

Student	Subject (Max. Marks)					
	Maths	Chemistry	Physics	Geography	History	Comp Sci
Ayush	90	50	90	60	70	80
Aman	99	80	80	40	80	70
Sajal	90	60	70	70	90	70
Rohit	80	65	80	80	60	60
Muskan	80	65	85	95	50	90
Tanvi	70	75	65	85	40	60
Tarun	65	35	50	77	80	80

[4] The above table gives the percentage of marks obtained by seven students in six different subjects in an examination.

The numbers in the brackets give the maximum marks in each subject.

1. What are the average marks obtained by all the seven students in Physics? (rounded off to two digit after decimal)

2. The number of students who obtained 60% and above marks in all subjects is?
3. What was the aggregate of marks obtained by Sajal in all the six subjects?
4. In which subject is the overall percentage the best?
5. What is the overall percentage of Tarun?

4 Table from CSV

Question I

Table 3: Autogenerated table from .csv file.

Roll Number	Science	Computer	Maths	History
1	81	98	51	93
2	86	85	56	89
3	63	96	62	93
4	90	99	75	94
5	67	82	82	75
6	75	97	51	74
7	86	86	55	77
8	84	83	72	74
9	96	97	92	93
10	70	90	99	78

1. What is the total marks obtained by the student in history and computer together?
2. Who scored the lowest marks in all the subjects?
3. What is the median mark of the students in mathematics?
4. What is the range of marks obtained by the students in history?

References

- [1] “Digital Design” M Morris Mano, 5th Edition, 2013, Pearson Education, ISBN-10: 0-13-277420-8 / ISBN-13: 978-0-13-277420-8
- [2] “Discrete Mathematics”, Lipschutz, Lipson, 2nd Edition, 1999, Tata McGraw-Hill, ISBN: 007 463710X
- [3] Real Number Symbol in LaTeX, *[https : //www.physicsread.com/latex – real – number/](https://www.physicsread.com/latex-real-number/)*
- [4] “Theory of computer science”, E. V. Krishnamurthy, 2004, Affiliated East Press Publications, ISBN-10: 038791255X / ISBN-13: 978-0387912554.