

# Programming and Data Structures Lab

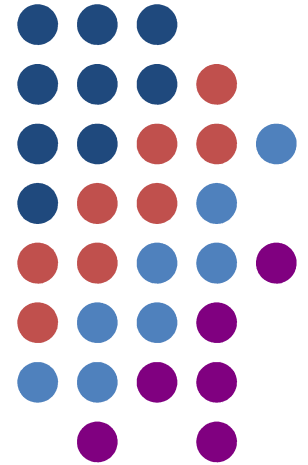
## Section 15



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<http://cse.iitkgp.ac.in/~aritrah/course/lab/PDS/Autumn2019/>

# ***Vote of Thanks***

## **Teaching Assistants**



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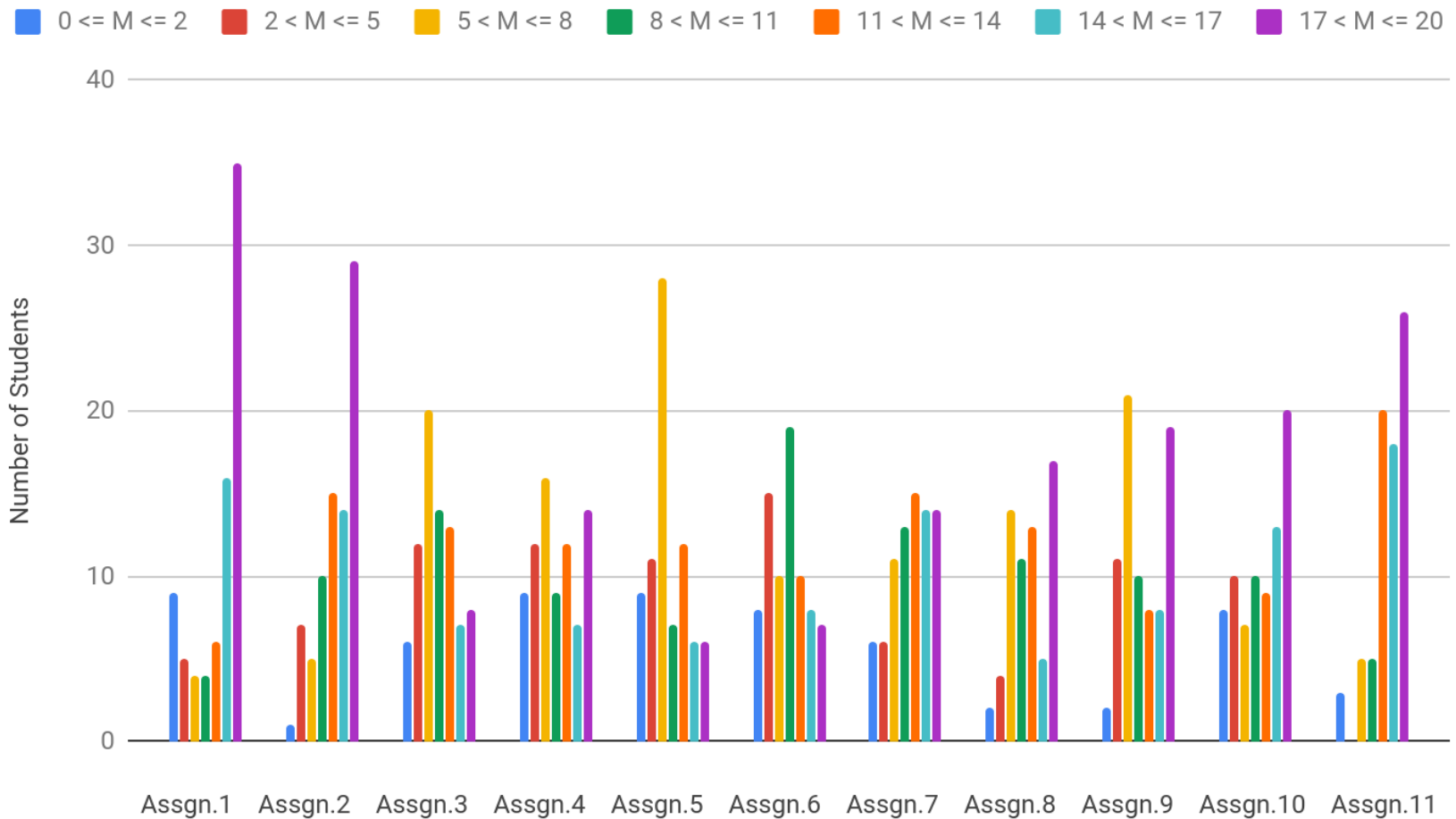
# Marks Computation

- 2 Lab-Test Modules –  $2 \times 50 = 100$ 
  - Lab Test 1 (06-Sep-2019) – 50
  - Lab Test 2 (01-Nov-2019) – 50
- 11 Assignment Modules –  $11 \times 20 = 220$ 
  - Scaled Down to 100 marks.
  - Choice of Best 10 Assignments.
- Total Marks (out of 100)
  - 50% from Assignment-Marks
  - 50% from LabTest-Marks

# Asgnmt. Marks Distribution



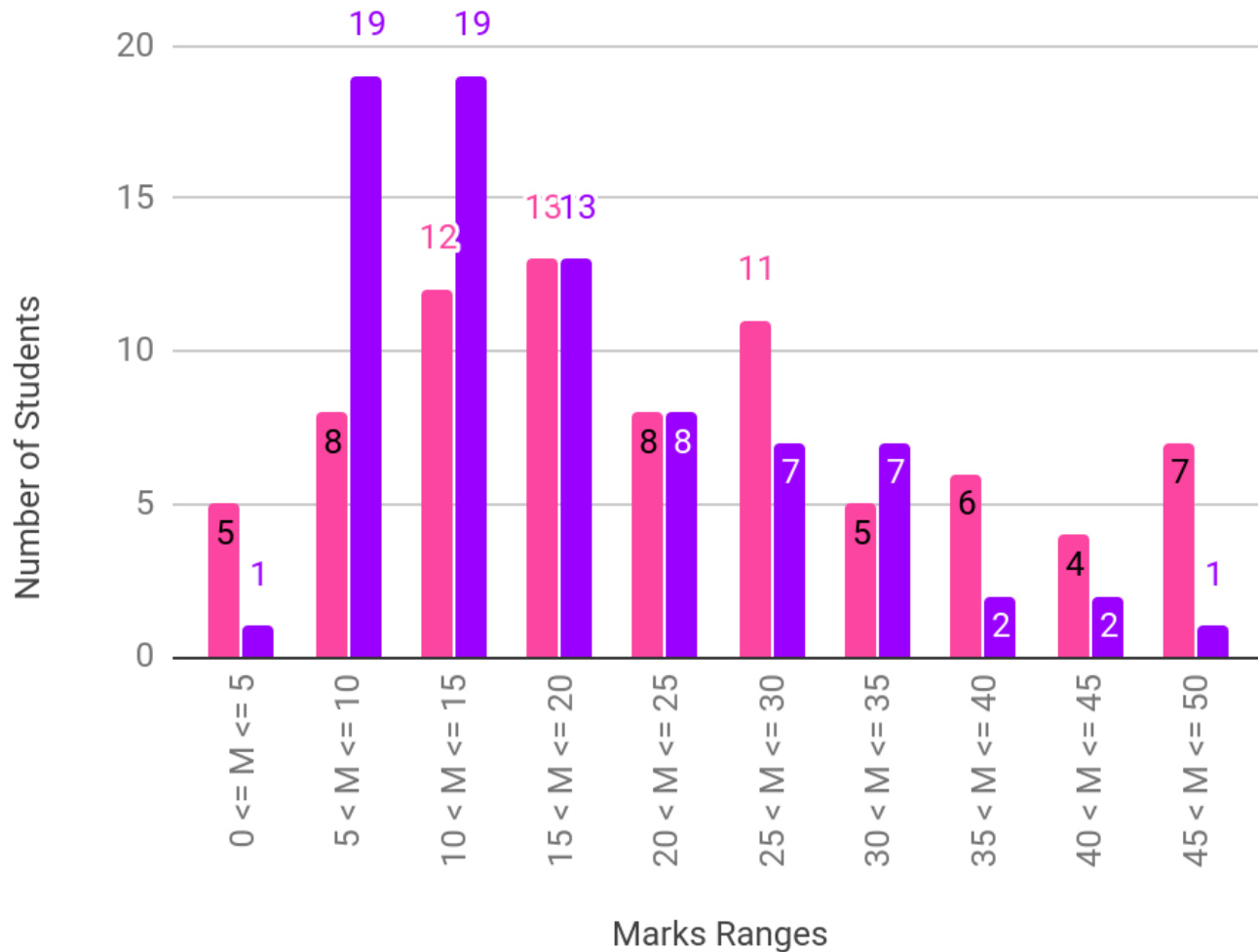
## Marks Distribution of Assignments



# Lab-Test Marks Distribution



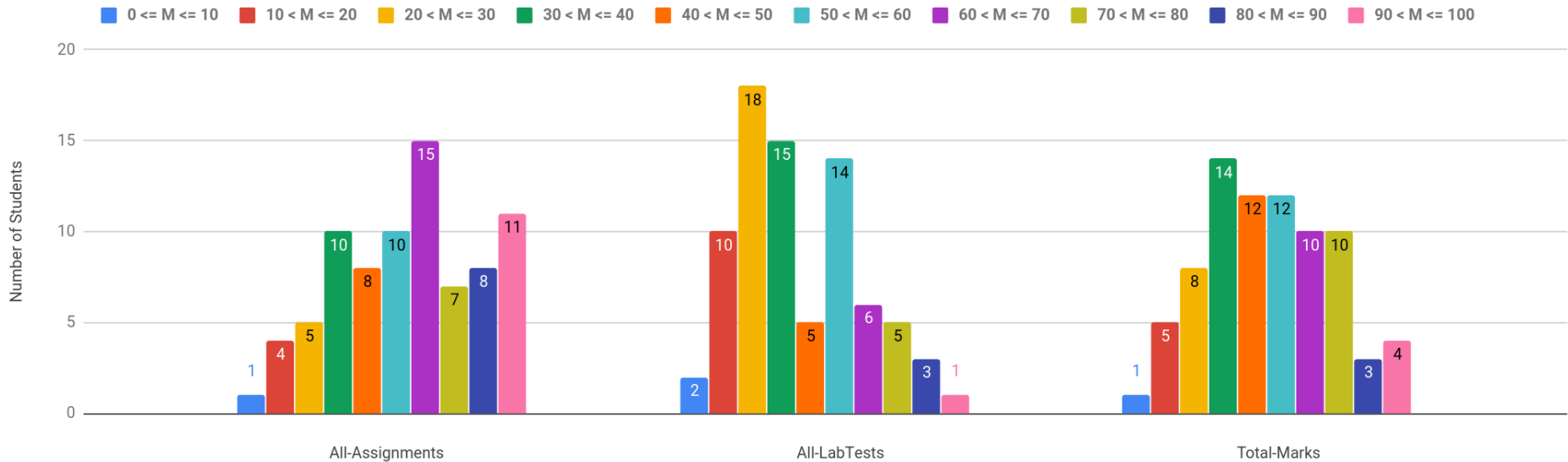
## Marks Distribution of Lab-Tests



# Combined Marks Distribution



Marks Distribution for ALL (Assignments, Lab-Tests and Total-Marks)



	A1 (20)	A2 (20)	A3 (20)	A4 (20)	A5 (20)	A6 (20)	A7 (20)	A8 (20)	A9 (20)	A10 (20)	A11 (20)	T1 (50)	T2 (50)
<b>MAX</b>	20	20	20	20	20	20	20	20	20	20	20	50	47
<b>MIN</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>AVG</b>	13.37	13.78	9.27	9.6	8.22	8.78	11.1	9.76	10.85	11.03	13.97	22.42	17.68
<b>STD</b>	7.05	5.6	5.44	6.3	5.58	5.7	5.76	6.87	6.01	6.96	5.89	13.92	10.37

# Coding Practice Websites



**Leetcode**

**Codechef**

**Topcoder**

**HackerRank**

**HackerEarth**

**Geeks-For-Geeks**

**CodeEval**

**CodeWars**

**CoderByte**

**CodeForces**

**ProjectEuler**

**Uva-Online-Judge**



# Food-for-Thought?

- Can you develop a C-function that takes as many arguments as required?
  - Example: `printf()`, `scanf()` functions
- Can you write a C-program that does not take any input and can produce itself as the output?
- Can you write a C-program that can take another C-program as input and execute that C-program (just as you do `gcc` and `./a.out`)?



***To Bug is Human ...  
... To Debug Divine !!***

