

PBL group project schedule (a 2-month project)

Timeline	Stage (submission)	Detailed tasks	Weight	PBL Semester 1 Final Project
After 1 week	Initial	<ul style="list-style-type: none"> Forming project teams: members(≤ 3 preferred); elect a team leader Brainstorming & literature review Hashing out a topic for instructor's approval Preparing materials, equipment, if any. 	0.10	<p>Developing a large number fraction class (BigFraction) for computing the Bernoulli numbers.</p> <ul style="list-style-type: none"> Programming language: Java Goal: Develop a program that can compute the Bernoulli numbers as ratios and then use them to compute, for integers $k \geq 0$ and $n > 0$, the sum of the k powers of the first n positive integers.
2 weeks	Project proposal	<ul style="list-style-type: none"> Project title & description Expected results Task partition for each member Communication channels Project plan 	0.15	
5 weeks	Weekly Progress reports	<ul style="list-style-type: none"> For each member, list what you've finished and not finished. Any difficulties? How do you plan to solve problems? 	0.15	
8 weeks	Presentation PPT, posters & Demo	<ul style="list-style-type: none"> 3-5 minutes presentation for each member 2-3 minutes for Q & A for each group Possibly invite guests to ask questions and do evaluation 	0.40	
One day before the final exam day	Final report	<p>e.g. at least 3 pages (Preferably as a PDF document) Font size: 12 Line space: 1 Reference Format: MLA/APA</p>	0.20	

- Grading criteria: Each group's time and effort as well as the project's difficulty level,

not just the end result, will be considered in order to encourage you to attempt a more challenging project.

- Final Grade: a sum of fractions of the above weights
- In general, all team members will receive the same grade unless the team leader reports that someone does little or does not do any work.
- If any act of plagiarism is found, that project will automatically receive a 0.