RUTGERS

UNIVERSITY | NEW BRUNSWICK

DSA - Intro to the class

- ❑ Sakai
- ❑ Assignment Submissions
- ❑ Submission Policy
- ❑ Plagiarism

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SAKAI

- ❑ Home, Announcements, Resources, Chat room, Gradebook
- ❑ Assignments

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❑ Language-independent. C, C++, python, Java are all accepted. All submissions will be tested on a native LINUX machine. Please test on a Linux machine before submission.

❑ Need to provide compilation/ execution instructions. Example, C++ standard, arguments, etc. If there are no instructions, your assignment might not get evaluated. This should be in the Assignment text field on Sakai/Assignments. DO NOT add any code in this field.

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➔ Assignment Submissions

❑ Highly recommend adding comments and indentation (Easier to understand your code)

❑ Your code might be tested with an **extra** dataset (apart from the ones that you get as part of the assignment).

❑ You **need to provide instructions on how the input filename can be changed**, either in the text field or in the code as comments.

❑ Please only use standard libraries, e.g. C++ : http://en.cppreference.com/w/cpp/header

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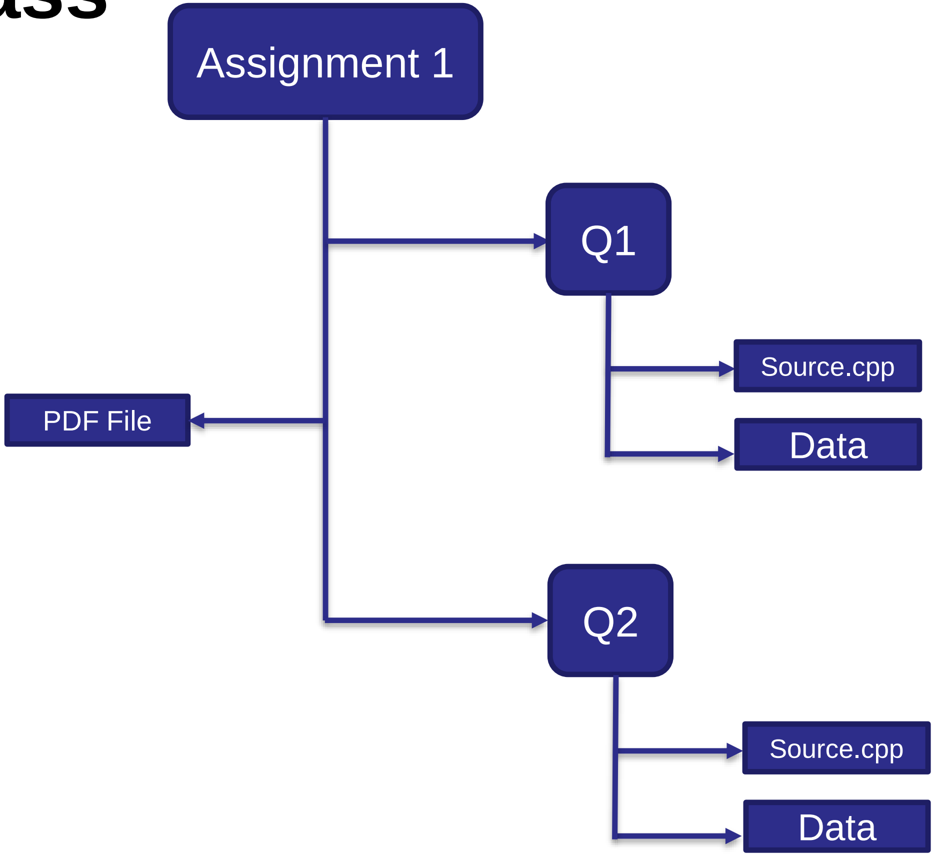
➔ Submission structure

- ❑ One folder per question containing the source file and the input data.
- ❑ One super folder for the above folders.
- ❑ Compress (zip, tar) the super
- ❑ folder and submit



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➔ Assignment Submissions

❑ DO NOT add code in the paper submission.

❑ Submit all the necessary files to compile/execute INCLUDING input files. DO NOT submit any extra files that your editor might generate.

❑ Code should be submitted in their respective file formats. DO NOT submit the codes in doc, pdf files !

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- ➔ **Submission Policy**

❑ Submissions before class starts.

❑ 25% deduction per day in score

❑ Will NOT be accepted after two days

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➔ Plagiarism

- ❑ Turnitin, Sherlock
- ❑ Each plagiarism app will check for similarity between submissions.
- ❑ Random spot checks will be done
- ❑ We understand some amount of similarity is unavoidable since you are all working on the same problem.
- ❑ MENTION SOURCES in the code if taking snippets from books, wiki, etc !

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Pseudocode

```
int main()
        {
         int height, breadth, area;
        cout <<” Enter height : “;
        cin >> height;
        cout <<” Enter breadth : “;
        cin >> breadth;
        area = 0.5 * height * breadth;
        cout << “ Area : “ << area;
        }
```

```
READ height from user.
READ breadth from user.

COMPUTE area as 0.5 times height times height.

PRINT area
```

Pseudocode

- ❑ Examples : http://users.csc.calpoly.edu/~jdalbey/SWE/pdl_std.html

- ❑ Guidelines/Tips : http://www.cs.cornell.edu/Courses/cs482/2003su/handouts/pseudocode.pdf