Survey HW-2: Reading and Presenting a Sample Survey

Instructions:

In this homework, you are going to learn how to write a survey by reading and analyzing a sample survey on the topics of foundations and applications of program analysis. You and your partner will select a survey listed below, read it, teach it and present it in the class on Jan 22 (Mon). Your presentation will consist of the contents as well as the writing techniques of the survey. Each presentation will include 12 minutes of your talk and 3 minutes of questions from the audience. This homework accounts for 3% of your final grades.

The list of sample surveys includes

1. A Systematic Survey of Program Comprehension through Dynamic Analysis
3. A Survey on Software Fault Localization
4. A Survey on Software Clone Detection Research
5. A Survey of Machine Learning for Big Code and Naturalness
6. A Survey of Techniques for Approximate Computing
7. A Survey and Taxonomy of Approaches for Mining Software Repositories in the Context of Software Evolution

(If you are not interested in the above topics, further samples can be found in the ACM computing survey journals located in the ACM library; however, you will need my approval to present any surveys beyond the above list.)