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# INDRISTRIAL ATTACHMENT

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CSE-420(Dual)



Date of Seminar: 26, September 2024

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Section: 7B

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Seminar Topic: Free Software Free Society on occasion of software  
Freedom Day

Name of the keynote speaker: Mr. Sajedul Rahim Joarder  
President, Foundation for Open-Source Solution (FOSS)

**Title:** Free Software Free Society on occasion of software Freedom Day

**Introduction:** Software is a collection of code that is meant to do a particular task. The topic of this seminar was Free software, Free Society and this seminar was held on free software day. In this seminar the speaker was Md. Sajed Rahim Joarder who was also the president of Foundation for Open-source Solution (FOSS). In this seminar the respected guest educates us about why software being free is important, how closed source software impacts our personal privacy and security etc.

**About the Keynote speaker:** There are two speakers present on that day. They were Mr. Sajedul Rahim Joarder and Sagir Hussain Khan. Mr. Sajedil Rahim Joarder was the key speaker of that day. He is the precedent of Foundation for Open-source Solution (FOSS). He was an excellent speaker. Throughout the seminar he taught us an especially important lesson.

**Seminar's purpose and Goal:** In the seminar the key speaker Mr. Sajedul Rahim Joarder taught us especially important things. The seminar was held on the occasion of free software day. The purpose of this seminar was to teach us about the ethical and societal impact of free software here the speaker taught us about need for users to have the freedom to run, modify and share the software and its source code which in the eyes of our speaker was crucial to personal freedom and privacy. The goal of this seminar was to promote awareness to the common mass where the software is not controlled by corporation ss but by the general mass who use them which will allow security and ensure privacy.

**Summarization of the key point of the discussion:** In the seminar the key speaker Mr. Sajedul Rahim Joarder first briefly describes the history of Linux operating system. Then he taught us about the types of kernels which are used in diverse types of Operating System after that the speaker educated us about the types of essential freedom of free software and the 4 freedom points are:

- Freedom 0: The Freedom to run the software for any purpose as the user wants.

- Freedom 1: The freedom to be able to see how the program works, the ability to study it, also the ability to modify it.
- Freedom 2: The freedom to redistribute the copies of software as the user wishes.
- Freedom 3: The freedom to distribute modified copies of the software as the user wishes regardless of the quality.

**Discussion of the new information that I have gained in the seminar:** Previously I had no idea what the difference between free software is and open-sourced software. Why free software is necessary from the seminar I have also learned many things such as:

- The necessity of Software freedom
- The four fundamental Freedom of Software
- How proprietary software restricts freedom.
- How free software impact on security and privacy of the user.

**My analyzation of how the seminar topics bridges the gap between academic learning and industrial learning:** In the classroom we have always been taught in an environment where the teacher only teaches us about the theoretical concepts of Computer Science and Engineering but from our teachers, we hardly get any idea about how the proprietary software propose threat to users privacy and security. How the users are not using the software how the companies are using the software to use and control the user and made profit also the four freedoms about software freedom. The topics that we learned in the seminar were remarkably interesting and in general topics like that is not generally discussed in the classroom.

**My thought on how academic programs could be improved to better prepare students for the industries:** By arranging more seminar like this can help the student to bridge the gap between academic learning and industrial learning hence improving the academic program quality.

**Brief summarization of the seminar:** The seminar was held on 26, march 2024. The venue was UITS conference room. At approximately 11.00AM the seminar started. There were two guest speakers present in the seminar. Their names were Mr. Sajedul Rahim Joarder and Sagir Hussain Khan. After some times the key speaker Mr. Sajedul Rahim Joarder started presenting. First the speaker educates us about the history of Linux operating system. Then he taught us about the types of kernels which are used in diverse types of Operating System after that the speaker educated us about the types of essential freedom of free software. Then our guest speaker also showed us a video made by TEDx Talks. The speaker was Richard Stallman.

**Provide concluding thoughts and the overall significance of the seminar:** In my view the seminar was knowledgeable. The guest speaker was highly informative. Also, in the end he allows us to do a Q&A session where I asked about a thing which I didn't know before. Overall, I enjoyed this session. Our department should hold more seminars like this.

*The End*