



On social impacts - *thinking on the issue*

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A HISTORICAL APPROACH

- When did computers begin to have an effect on people?
- How have we been affected?
- What HAVE we done?
- Have we become too dependent on computers?
- What can we do about it?

Ref: The Social Impact of the Computer by
J.A.N. Lee, Virginia Tech, Nov 2000

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What HAVE we done?

- Created a “DIGITAL DIVIDE”
 - The have’s and the have’nots
 - Between schools, between school districts
 - Between the old and the young
 - Between parents and children
 - Between male and female
 - Between rich and poor
 - Between town and country

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What comes in your mind?

- **AI versus Doctors**
- **Digital assistance – human assistance**
 - **Fake news - Hoax**
 - **Popularity by going viral ...**
- **digital cities → smart cities**
 - **The WEB**
- **Bit coin vs our (current) currency**
- **Universe vs metaverse**

Type of employee misconduct	Percent of surveyed employees observing this behavior
Misuse of company time	33%
Abusive behavior	21%
Lying to employees	20%
Company resource abuse	20%
Violating company Internet-use policies	16%
Discrimination	15%
Conflicts of interest	15%
Inappropriate social networking	14%
Health or safety violations	13%
Lying to outside stakeholders	12%
Stealing	12%
Falsifying time reports or hours worked	12%

Source Line: Ethics Resource Center, "2011 National Business Ethics Survey: Workplace Ethics in Transition," © 2011, www.ethics.org/nbes/files/FinalNBES-web.pdf.

Questions from Sir Tim Berners-Lee:

- Roughly 40% of the world's population are on-line, **how can we ensure that the other 60 percent around the world who are not connected get online fast?**
- How can we make sure that the web supports **all languages and cultures**, not just the dominant ones?
- How do we build **consensus around open standards** to link the coming **Internet of Things**?

Questions from Sir Tim Berners-Lee:

- *Will we allow others to package and restrict our online experience, or **will we protect the magic of the open web and the power it gives us to, say, discover, and create anything?***
- How can we build **systems of checks and balances** to hold the groups that can spy on the net accountable to the public?

*Official Google Blog: On the 25th anniversary of the web, let's keep it free and open
<http://googleblog.blogspot.com/2014/03/on-25th-anniversary-of-web-lets-keep-it.html>*

Discuss with other groups

- On positive impact:
 - What are the things that still need to be improved?
 - To make it sustainable
 - To make it better or more useful
 - On negative impact:
 - What is really wrong with the implementation?
- ➔ Revise your article form to include your group view on those questions