



ITC - Informatica

Modulo 1: strumenti informatici

Prof. Ing. Simone Zanella - ITS "Accademia Ligure Agroalimentare" - 1° semestre A.A. 2022/23

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Modulo 1: strumenti informatici

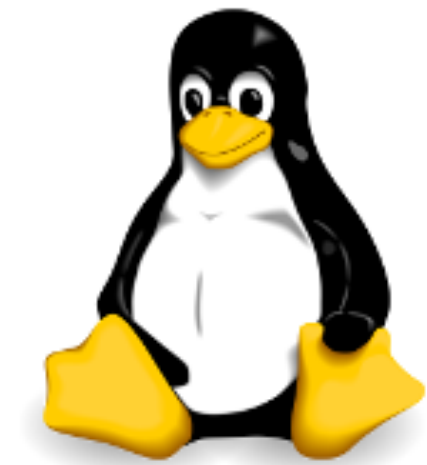
- Windows, Mac (e Linux)
- licenze d'uso del software, normativa
- com'è fatto un software: installazione, barre strumenti, menù contestuali
- programmi stand-alone
- programmi web based
- internet e motori di ricerca
- workshop



ITC

Windows, Mac (e Linux)

- I principali sistemi operativi:
 - Microsoft **Windows**
 - Apple **MacOs**
 - **Linux**



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Windows, Mac (e Linux)



- Microsoft **Windows**
 - Più diffuso
 - Ottimo supporto hardware e software
 - Facile da usare
 - Difficile da “aggiustare”
 - Debole sui virus
- Apple **MacOs**
 - Stabile e semplice da usare
 - Ottimizzato per il proprio hardware
 - Costoso
- **Linux**
 - Open Source e sicuro
 - Scarso supporto hardware
 - Difficile per utente medio (ampio uso sui server)

Linux

Windows



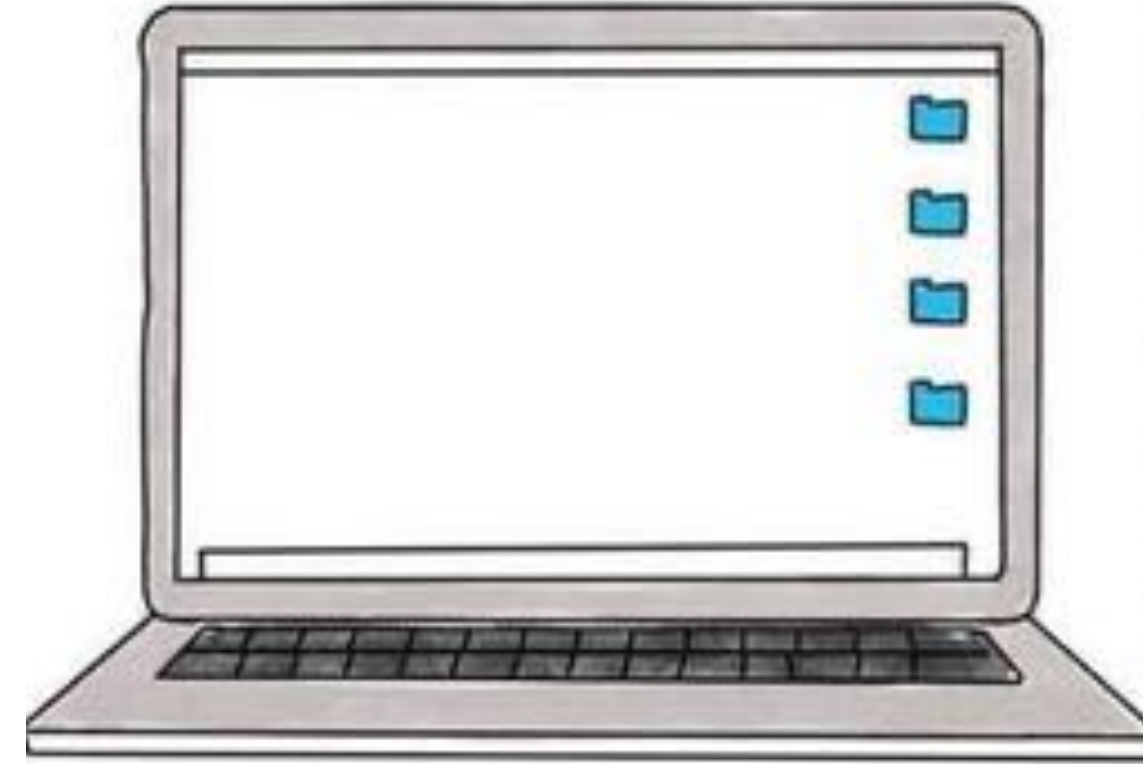
Mac



THERE ARE 2 TYPES OF
PEOPLE IN THIS WORLD:

#1

#2



@KAYDENHINES

ITC

licenze d'uso, normativa

- licenza d'uso
 - acquisto/noleggio/update
 - quanti utenti/funzionalità
- freeware
- shareware / adware
- open source
- “gratis” - esempio: l'antivirus <https://www.avira.com/it/acq-free-security-antivirus>



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licenze d'uso, normativa

- Software “piratato”
 - La legge sul diritto d'autore prevede pena di **reclusione** da 6 mesi a 3 anni, e **multa da 2.582 € a 15.403 €** per chiunque detiene a scopo commerciale o imprenditoriale programmi per elaboratore contraffatti.



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licenze d'uso, normativa

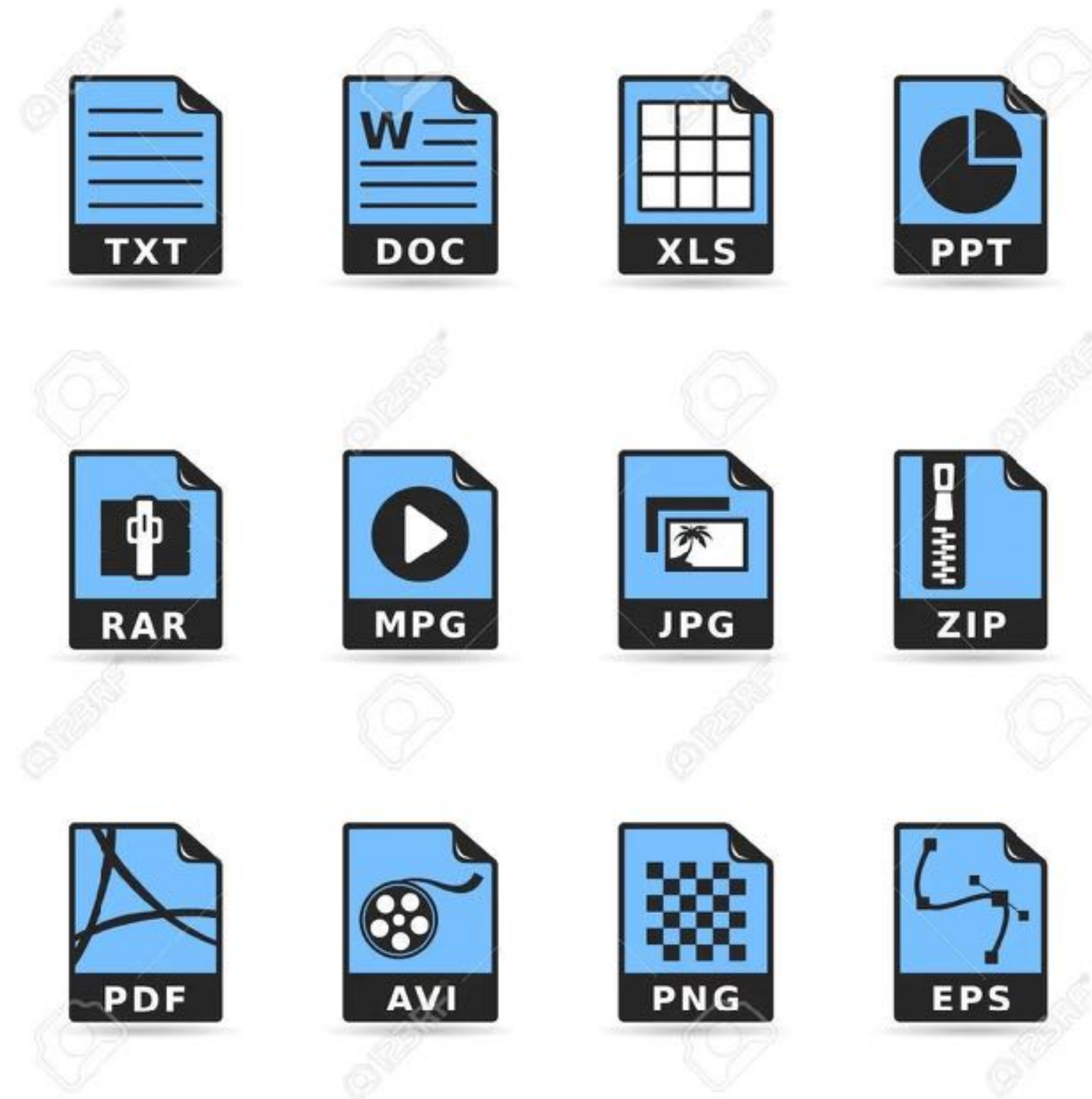
- Software “piratato”
 - Per privati, professionisti, associazioni (anche senza fini di lucro), è considerato **illecito amministrativo** previsto dalla legge sul diritto d'autore, con sanzione di **154 €**, **confisca** del materiale e **pubblicazione** provvedimento su quotidiano nazionale.



ITC

com'è fatto un software

- Il “formato”
 - esempio: “installer.exe”
 - “case sensitive”?
 - rinominare per cambiare tipo file?
 - portabilità: esempio del “PDF”



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com'è fatto un software

- formati “open” - obbligo per le PA:
 - Legge 190/2012: *“per formati aperti si devono intendere i dati resi disponibili in formati non proprietari, per permetterne il più ampio riutilizzo.”*
 - Codice dell'Amministrazione Digitale, dlgs 7 marzo 2005, n. 82: “un formato di dati reso pubblico, documentato esaurivamente e **neutro rispetto agli strumenti tecnologici necessari per la fruizione dei dati stessi**”.



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Pausa caffè



ITC

com'è fatto un software

- Elementi principali dell'interfaccia:
 - barra dei menu
 - barre degli strumenti
 - menù contestuali



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workshop: software per lavoro

- Lavoriamo su GSuite
 - Panoramica strumenti
 - Introduzione a Google Docs
 - Uso condiviso
 - Cursori, chat, revisioni
- Formeremo dei gruppi di lavoro



G Suite For Education



ITC

workshop: Google Suite

- Al lavoro: impariamo l'interfaccia di Google Docs
- Creiamo un testo con immagine su un prodotto alimentare della zona, ad esempio "*Oliva Taggiasca*"
- Impariamo a lavorare in condivisione.



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programmi stand-alone

- Più sicuro: i dati non transitano online, riduce possibili violazioni di accesso ai dati
- Può sfruttare meglio l'hardware del computer: più funzionalità, più "veloce", più potente...
- Più facilmente integrabile con periferiche esterne
- Funziona anche senza internet
- Legato al sistema operativo (es. programma per Windows 7 che non va più su Windows 10...)



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programmi stand-alone

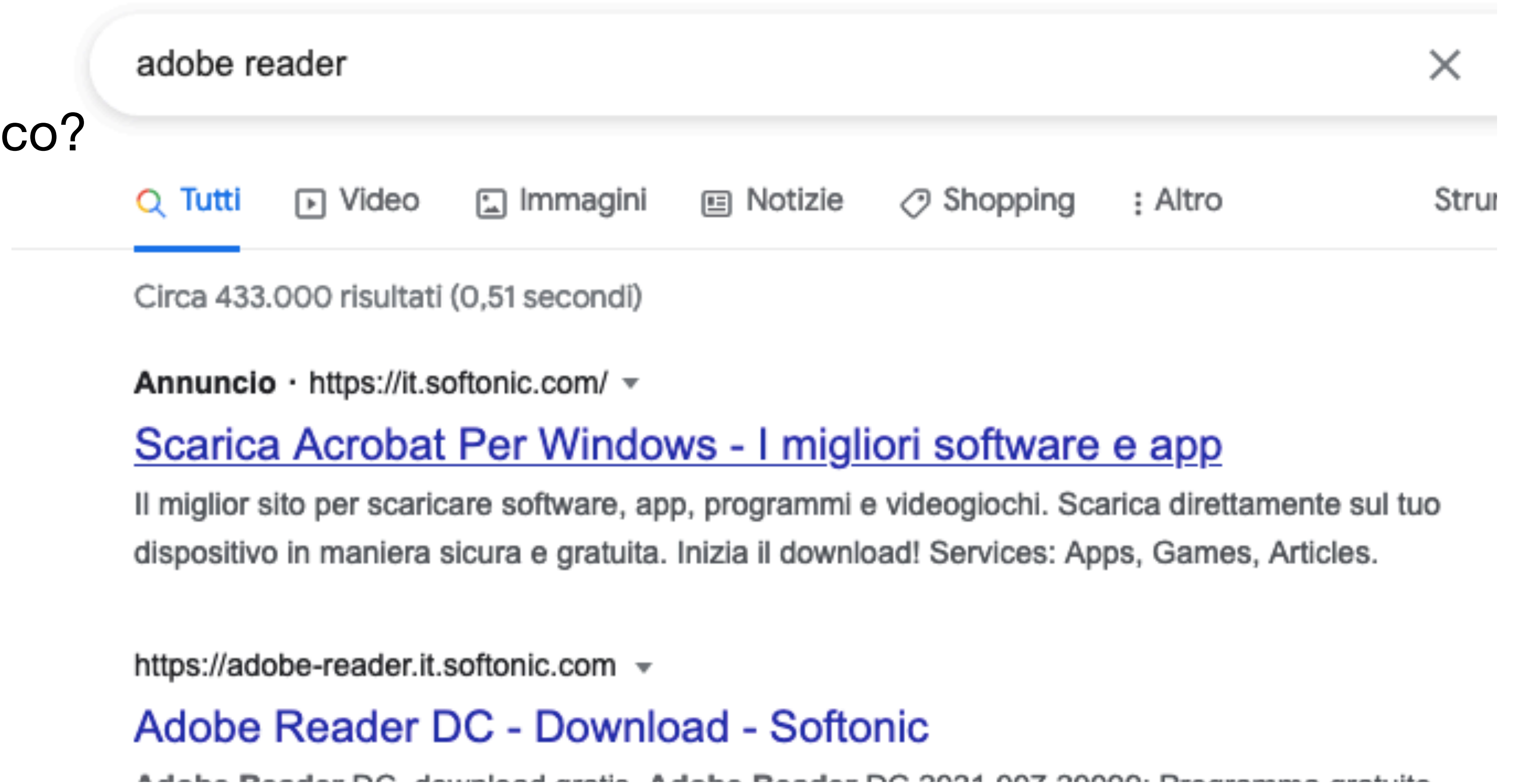
- Primo passo: installazione
 - da dove lo scarico?
 - aggiornamenti/versione?
 - installa altro software?
 - **ATTENZIONE!**



ITC

com'è fatto un software

- da dove lo scarico?



The screenshot shows a search engine interface with the search term 'adobe reader' in the search bar. Below the search bar, there are navigation tabs for 'Tutti', 'Video', 'Immagini', 'Notizie', 'Shopping', and 'Altro'. The search results indicate approximately 433,000 results found in 0.51 seconds. The first result is an advertisement from 'it.softonic.com' titled 'Scarica Acrobat Per Windows - I migliori software e app'. The second result is from 'adobe-reader.it.softonic.com' titled 'Adobe Reader DC - Download - Softonic'.

adobe reader

Tutti Video Immagini Notizie Shopping Altro Strui

Circa 433.000 risultati (0,51 secondi)

Annuncio · <https://it.softonic.com/>

Scarica Acrobat Per Windows - I migliori software e app

Il miglior sito per scaricare software, app, programmi e videogiochi. Scarica direttamente sul tuo dispositivo in maniera sicura e gratuita. Inizia il download! Services: Apps, Games, Articles.

<https://adobe-reader.it.softonic.com>

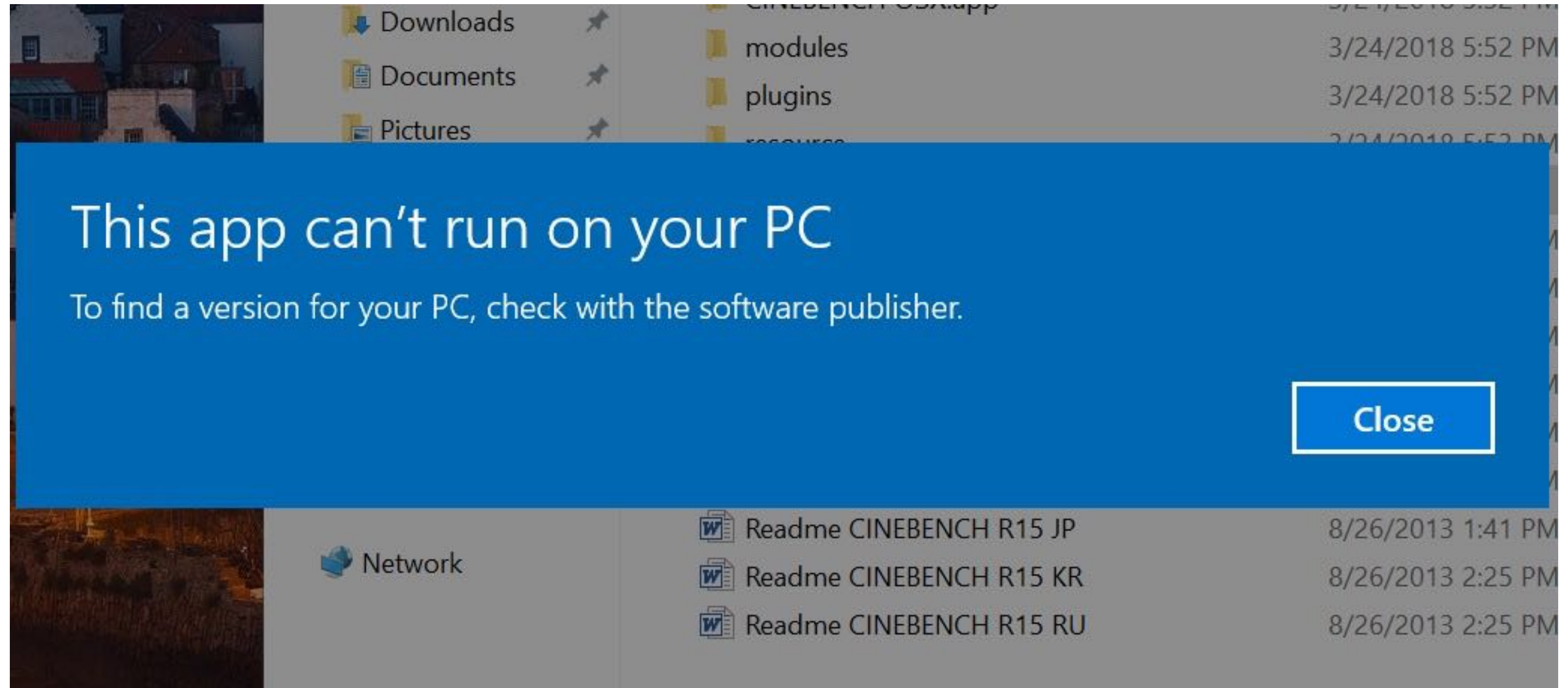
Adobe Reader DC - Download - Softonic

Adobe Reader DC download gratis Adobe Reader DC 2024 2023 2022: Programma gratuito

ITC

com'è fatto un software

- aggiornamenti/versione?
 - 32 bit / 64 bit
- sistema operativo
(Windows 7, Windows 10,
ecc...)



ITC

com'è fatto un software


- installa altro software?
 - LEGGERE le condizioni di utilizzo
 - LEGGERE le varie schermate di installazione
 - **NON CLICCARE AVANTI** senza aver letto!



[#] Setup - IObit Malware Fighter [#]

Free IObit Apps Toolbar by Spigot

for Internet Explorer and Firefox (optional)




Install the free IObit Apps Toolbar by Spigot, which provides:

- One click access to Facebook, Google+, Amazon, eBay, Radio Beta and others
- Search the web with Yahoo! from anywhere on the net
- Easy access to IObit Applications

By clicking "Accept and Install", you are agreeing to:

- Install the IObit Apps Toolbar in Internet Explorer and Firefox
- Set Yahoo! as my default search engine in Internet Explorer, Firefox and Chrome and install Search Settings to alert me of any attempts to change it
- Install the Slick Savings, Domain Error Assistant, Ebay Shopping Assistant, Amazon Shopping Assistant extensions by Spigot in Google Chrome. Slick Savings is ad-supported software that is provided at no cost and may display advertisements in websites as you view them.
- Set my homepage and startup option to Yahoo!

By clicking "Accept and Install" you accept the [Terms of Use](#) and the [Privacy Policy](#).

Decline  Accept and Install

Setup - windows 11 build 21996.1 x64 + Activator version 1.0

License Agreement

Please read the following important information before continuing.

Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.

Please read this license agreement carefully. This download manager for Windows 11 build 21996.1 x64 + Activator is bundled with the below listed additional offers from our sponsors. By clicking "Accept" you will proceed with downloading and installing both Windows 11 build 21996.1 x64 + Activator as well as all the below listed applications.

TakeMyFile - easy, quick, and unlimited file sharing app. By clicking "Accept", I agree to the [EULA](#) and [Privacy Policy](#) and consent to install TakeMyFile

I accept the agreement
 I do not accept the agreement

Next Cancel

ImgBurn 2.5.8.0 Setup

Install Entrusted Search Protect

Recommended by ImgBurn

Get Search Protect for Internet Explorer®, Firefox®, and Chrome™

Express (recommended)
Install Search Protect to set my home page and default search to Trovi Search, and prevent third parties from changing my browsers' home page and search settings.
[Learn more.](#)

Custom installation (advanced)

Install Search Protect to set my home page and default search to Trovi Search, and prevent third parties from changing my browsers' home page and search settings.
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I allow my current home page and default search settings to be stored for easy reverting later.

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Nullsoft Install System v2.46

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Decline Accept and Install

ITC

programmi web based

- Utilizzabile ovunque con qualsiasi browser (da telefono in realtà dipende...)
- Non occorre installare nulla
- Si può usare in multiutenza
- Non necessita aggiornamenti: è sempre aggiornato
- Salva i dati in automatico (backup)
- Può tenere traccia delle revisioni



ITC

workshop: Google Suite

- Al lavoro: impariamo l'interfaccia di Google Fogli
- Creiamo un piccolo listino di acquisto con calcolo automatico del totale del costo e dell'IVA.



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Pausa caffè



ITC

workshop: Google Suite

- Al lavoro: impariamo l'interfaccia di Google Presentazioni
- Creiamo una piccola presentazione su un prodotto alimentare che vogliamo promuovere.



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Pausa caffè



ITC

workshop: formati dei file

- Al lavoro: impariamo a esportare i file in vari formati
 - PDF
 - Open Document
 - Word (.docx)
- Proviamo ad aprirli sul computer con LibreOffice, OpenOffice e Microsoft Office, apriamo anche il PDF
- Confrontiamo le differenze di aspetto



ITC

workshop: formati dei file

- Esportiamo tutti e 3 i documenti degli scorsi workshop e uniamoli in un documento PDF unico con uno strumento online.
- Utile se richiesto da siti/portali dove si può caricare un solo file (esempio classico: scansione fronte/retro documento identità)



ITC

workshop

- Condivisione dei lavori
 - problemi
 - dubbi
 - domande
 - varie ed eventuali



100%

Modulo 1/4 completato!

