

# Panduan Instalasi dan Penggunaan Software Matlab, Matlab Online, dan Matlab Grader



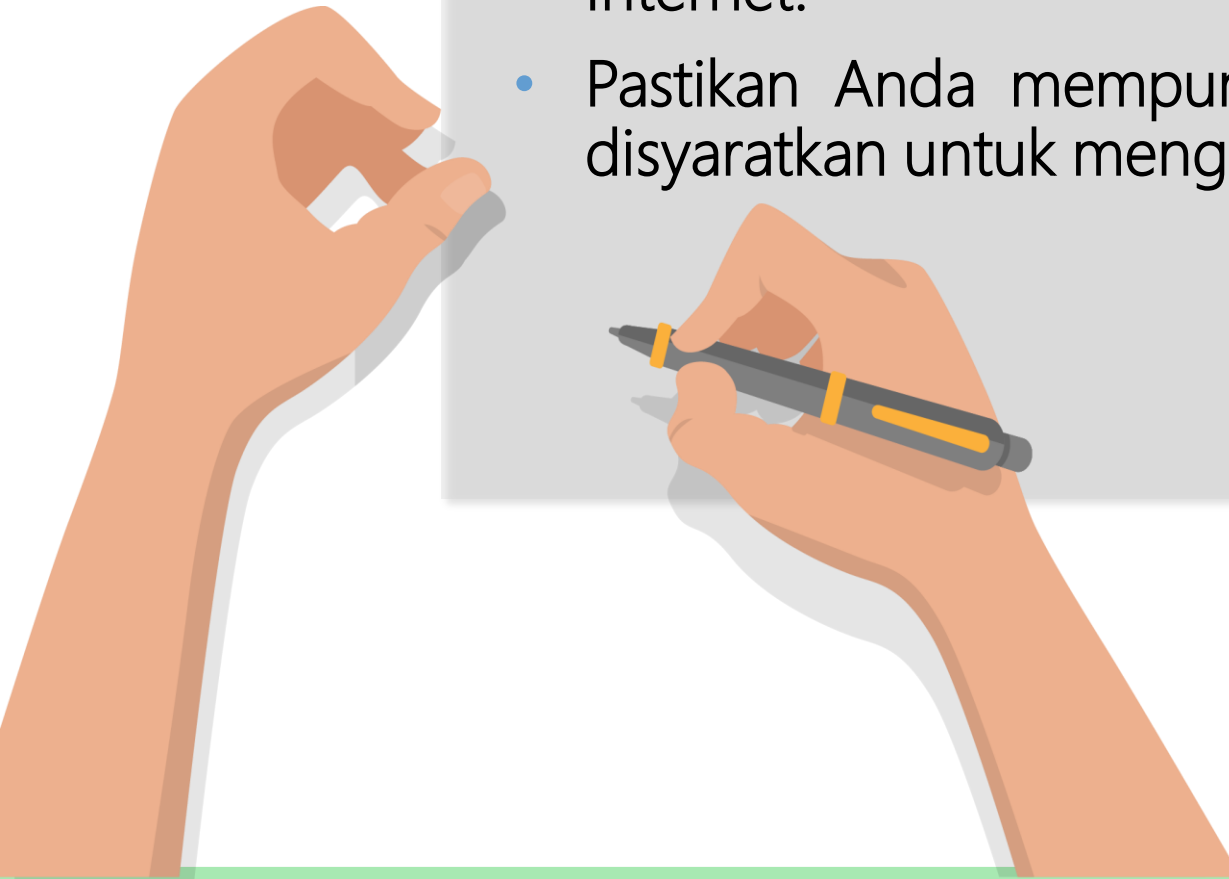
# Deskripsi



Nama Panduan : Panduan Instalasi  
Tujuan Panduan : Memberikan langkah-langkah instalasi dan penggunaan Matlab  
Pengguna : Dosen dan Mahasiswa  
Tanggal Panduan : April 2020  
Penulis : Tim Subdit Layanan Teknologi&Sistem Informasi dan Implementasi Teknologi Cerdas  
Unit : Direktorat Pengembangan Teknologi dan Sistem Informasi

# Wajib di Ketahui

- Pastikan Anda telah mengaktifkan email ITS.
- Pastikan Anda sudah terkoneksi dengan jaringan Internet.
- Pastikan Anda mempunyai konfigurasi minimum yang disyaratkan untuk menginstal Matlab



# Mengenai Software Matlab

- Software Matlab ini berlaku untuk semua civitas akademika Institut Teknologi Sepuluh Nopember (ITS) baik dosen maupun mahasiswa.
- Software Matlab ini bisa di aktivasi menggunakan email ITS, sebelum melakukan install dan aktivasi pastikan bisa masuk ke email ITS.
- Proses Instalasi wajib terhubung dengan Internet, selanjutnya untuk penggunaan software Matlab tidak perlu terhubung Internet maupun Intranet ITS.



# Langkah-Langkah instalasi Matlab



- Membuat akun baru di portal [www.mathworks.com](http://www.mathworks.com) menggunakan email ITS.
- Download Software Matlab.
- Melakukan Instalasi dan aktivasi software Matlab.



# Cara membuat akun di portal [www.mathworks.com](https://www.mathworks.com)



- Silahkan mengakses laman berikut :  
<https://www.mathworks.com/mwaccount/register>

Menggunakan email ITS pribadi

Isi form sesuai gambar

Klik button Create, selanjutnya akan diminta untuk verifikasi email

Create MathWorks Account

Email Address  ✓

**i** To access your organization's MATLAB license, use your work or university email.

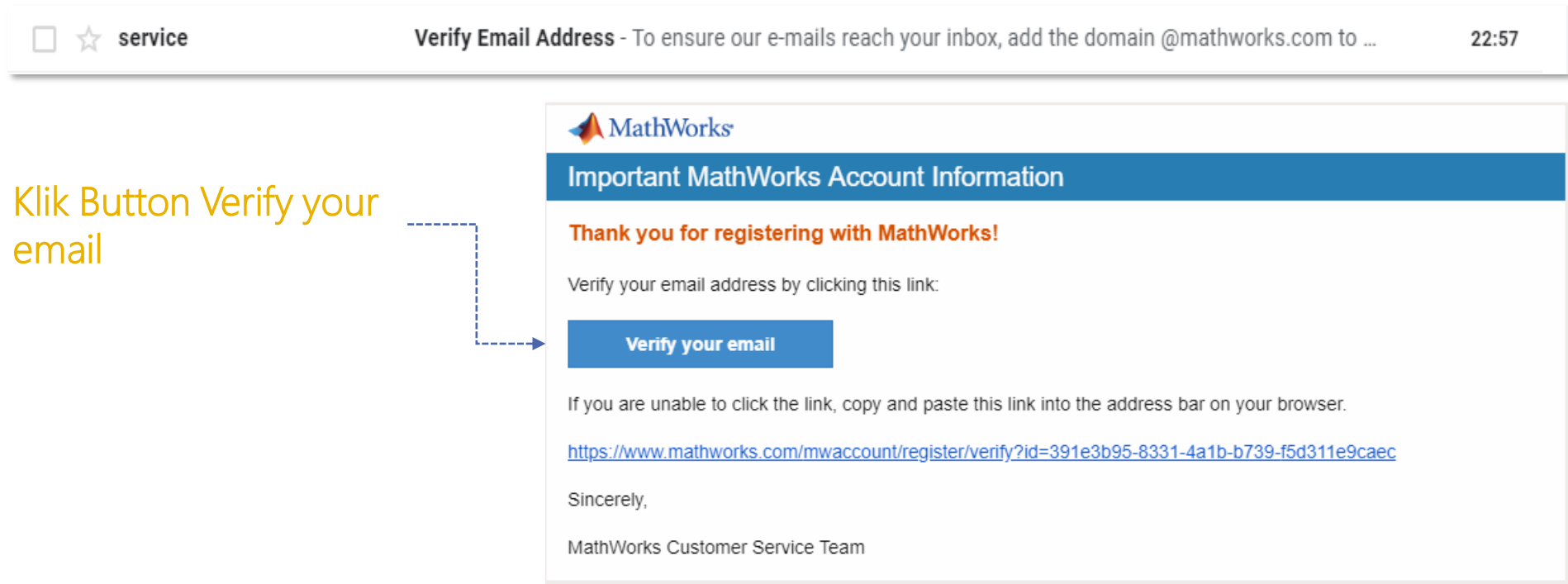
Location

How will you use MathWorks software?

Are you at least 13 years or older? ☒ Yes ☐ No

# Cara melakukan Verifikasi Akun MathWorks

- Silahkan membuka email yang digunakan membuat akun Matlab



Klik Button Verify your email

# Melengkapi data profil Akun MathWorks

- Silahkan mengisi dan melengkapi form profil.

To finish creating your profile, provide the following information for matlab@its.ac.id

First Name	<input type="text" value="Indah"/>	✓
Last Name	<input type="text" value="Ramlia"/>	✓
User ID (Optional)	<input type="text" value="indah1996"/>	✓
	Must include 6 to 16 alphanumeric characters and start with a letter (Example: jsmith555) <a href="#">Learn more</a>	
Password	<input type="password" value="....."/>	✓
Password Confirmation	<input type="password" value="....."/>	✓
What describes your role?	<input type="text" value="Educator, Researcher (College, University)"/>	▼
Department	<input type="text" value="Civil and Environmental Engineering"/>	▼

Help

Questions about product pricing, or figuring out what you need?

☐ Yes! Have a Sales Representative contact me.

Technical problems or questions about your account?

☐ Yes! Direct me to the Contact Support page.

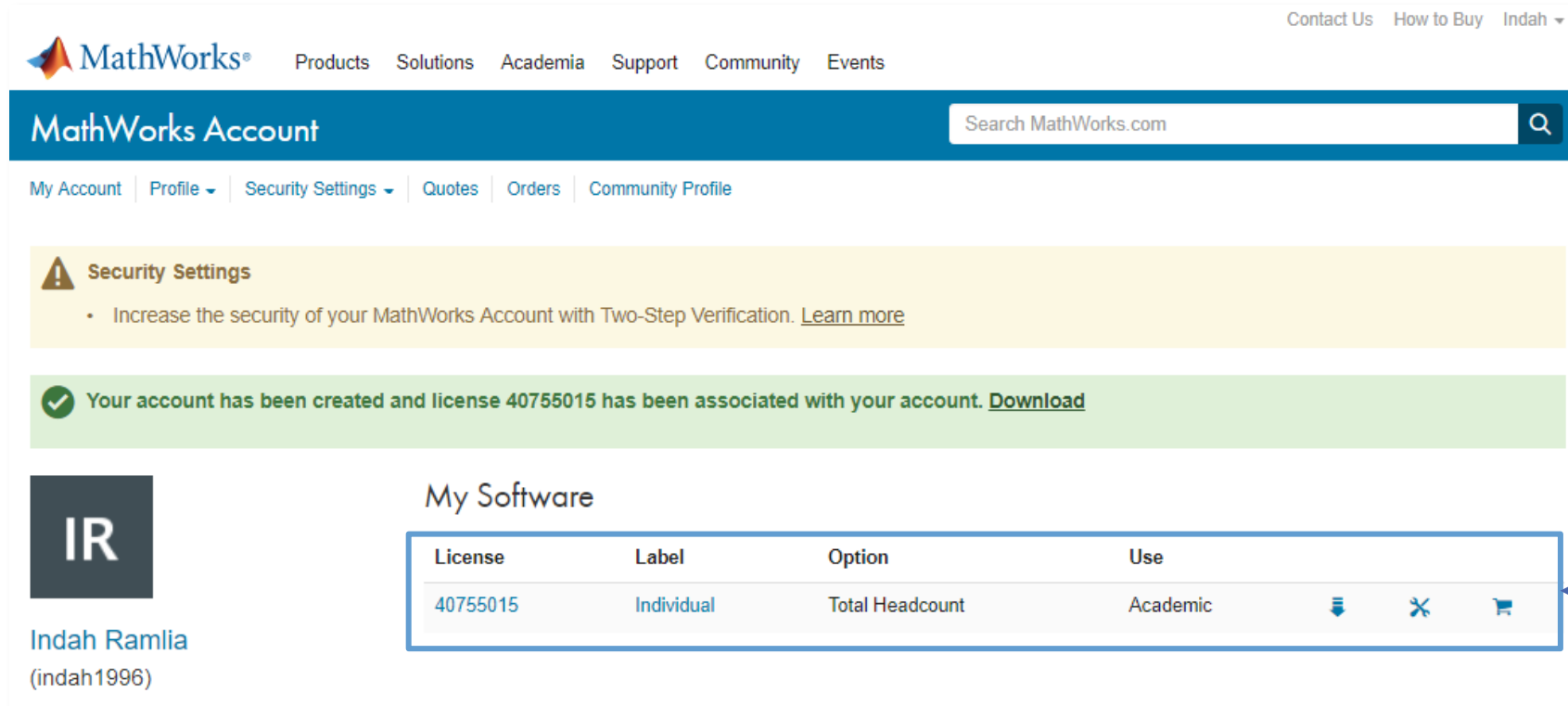
☒ I accept the [Online Services Agreement](#)

Klik Button Create untuk menyimpan data.



# Halaman dashboard Akun MathWorks

- Berikut halaman tampilan dashboard Mathworks dan lisensi yang bisa digunakan.



The screenshot shows the MathWorks Account dashboard. At the top, there's a navigation bar with the MathWorks logo and links for Products, Solutions, Academia, Support, Community, and Events. Below this is a blue header with 'MathWorks Account' and a search bar. A secondary navigation bar includes links for My Account, Profile, Security Settings, Quotes, Orders, and Community Profile. The main content area features a yellow warning box for Security Settings, a green success message about account creation and license association, and a 'My Software' section. The 'My Software' section contains a table with one row of software licenses. A blue dashed arrow points from the text 'Lisensi Matlab' to the table.

MathWorks Account

Search MathWorks.com

My Account | Profile | Security Settings | Quotes | Orders | Community Profile

**Security Settings**

- Increase the security of your MathWorks Account with Two-Step Verification. [Learn more](#)

**✓ Your account has been created and license 40755015 has been associated with your account. [Download](#)**

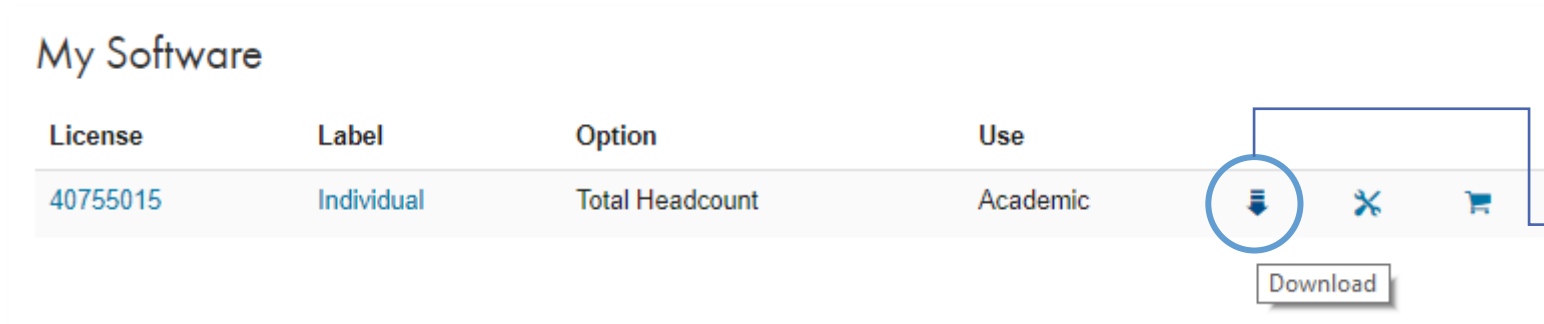
**My Software**

License	Label	Option	Use
40755015	Individual	Total Headcount	Academic

Lisensi Matlab

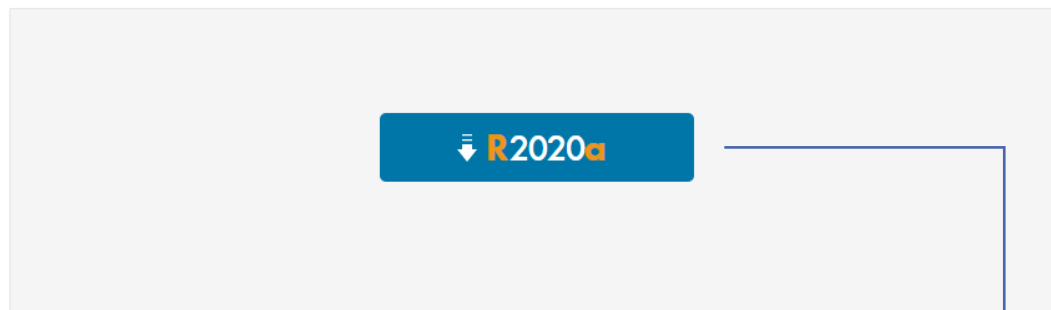
# Cara Download Software Matlab

- Silahkan masuk ke portal [www.mathworks.com](http://www.mathworks.com).



Klik icon download untuk mendownload software

Download R2020a



R2020a  
Released: 2020-03-18  
[System Requirements](#)  
[Release Highlights](#)

Download earlier release



Pilih versi Matlab yang akan digunakan

Klik button untuk mendownload software

# Cara Download Software Matlab



## Download R2020a

### Download and run the Installer

- When prompted, sign in as fuad@its.ac.id
- Select your license
- Choose the products, toolboxes, and blocksets that you want to install

Windows

macOS

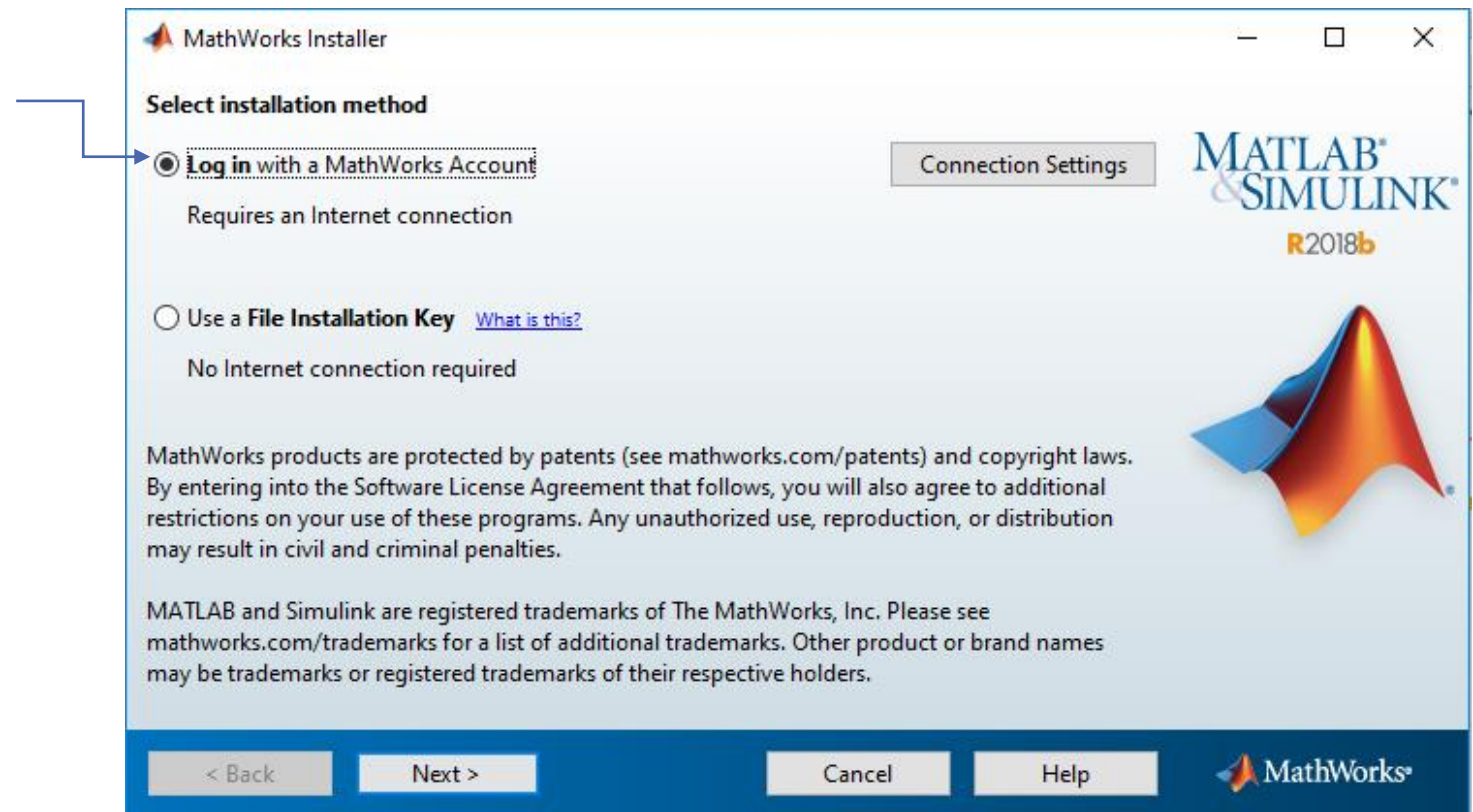
Linux

- Untuk sistem operasi windows 32 bit tersedia matlab versi 2015 kebawah.

# Cara Install Software Matlab

- Run software installer yang sudah selesai di download dan pastikan PC/Laptop terhubung ke internet

Pilih Log in with a MathWorks Account

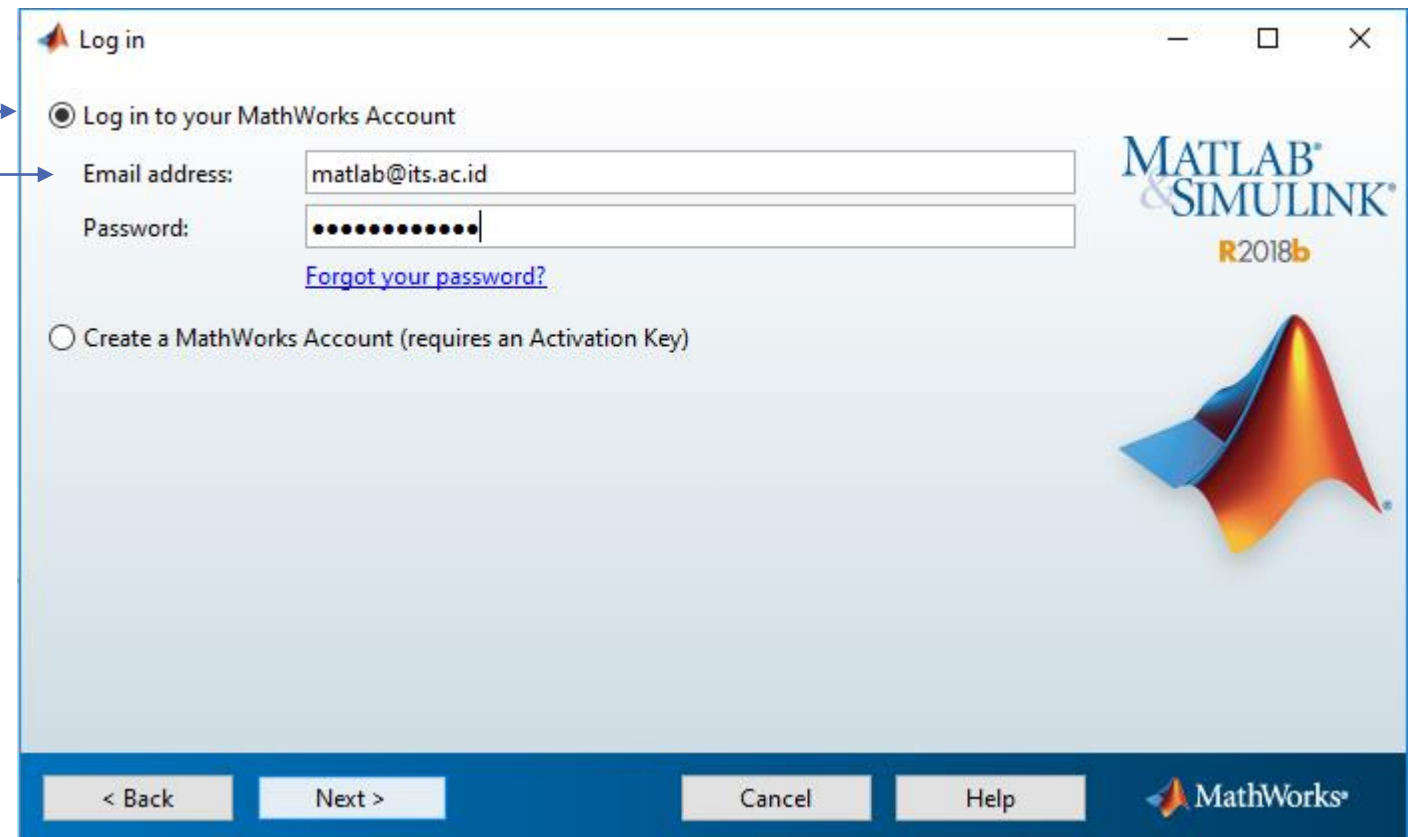


# Cara Install Software Matlab

- Proses instalasi akan diminta login menggunakan akun MathWorks

Pilih Log in with a MathWorks Account

Login menggunakan email dan password akun MathWorks



Log in

☒ Log in to your MathWorks Account

Email address:

Password:

[Forgot your password?](#)

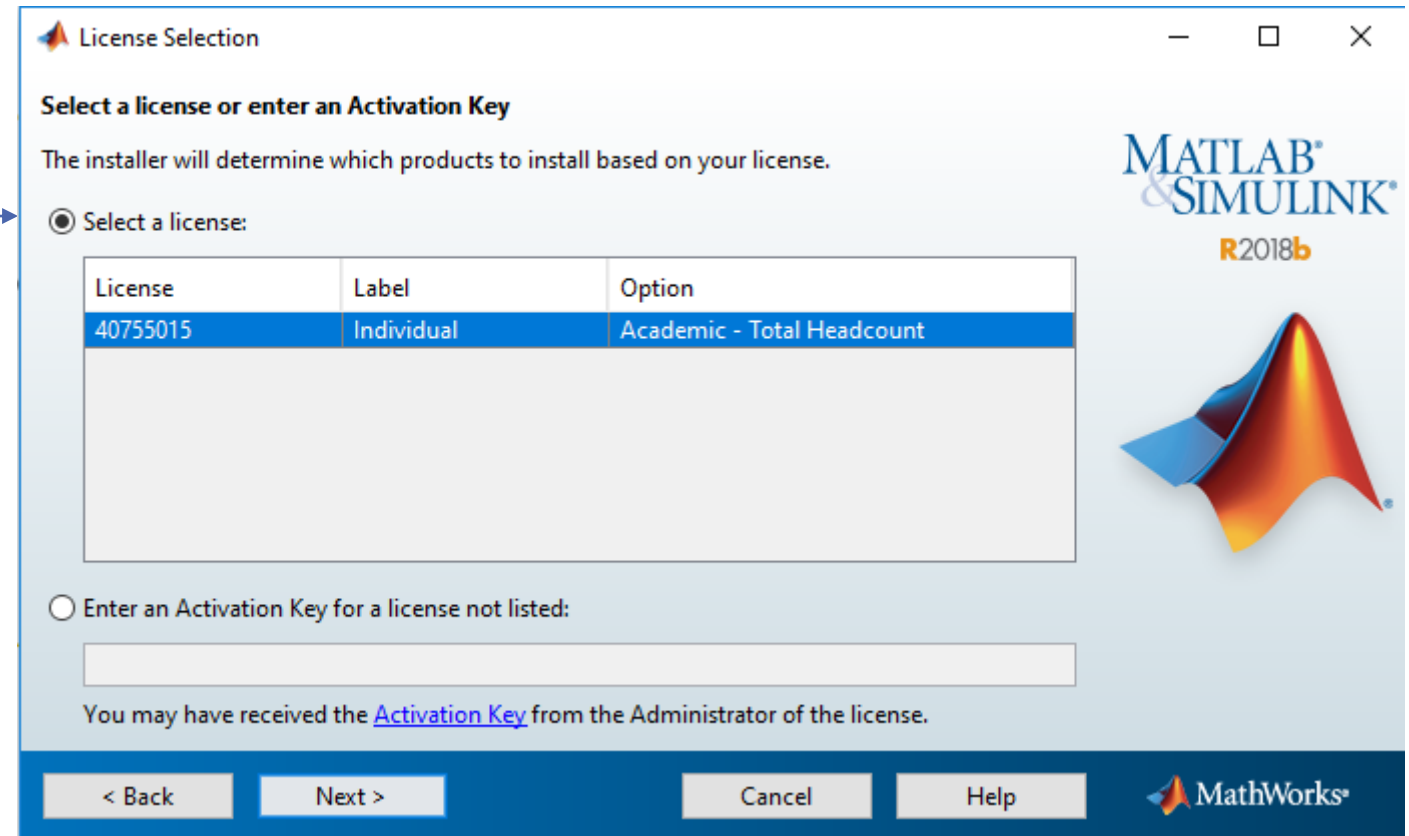
☐ Create a MathWorks Account (requires an Activation Key)

< Back   Next >   Cancel   Help   MathWorks®

# Cara Install Software Matlab

- Lisensi akan di load otomatis

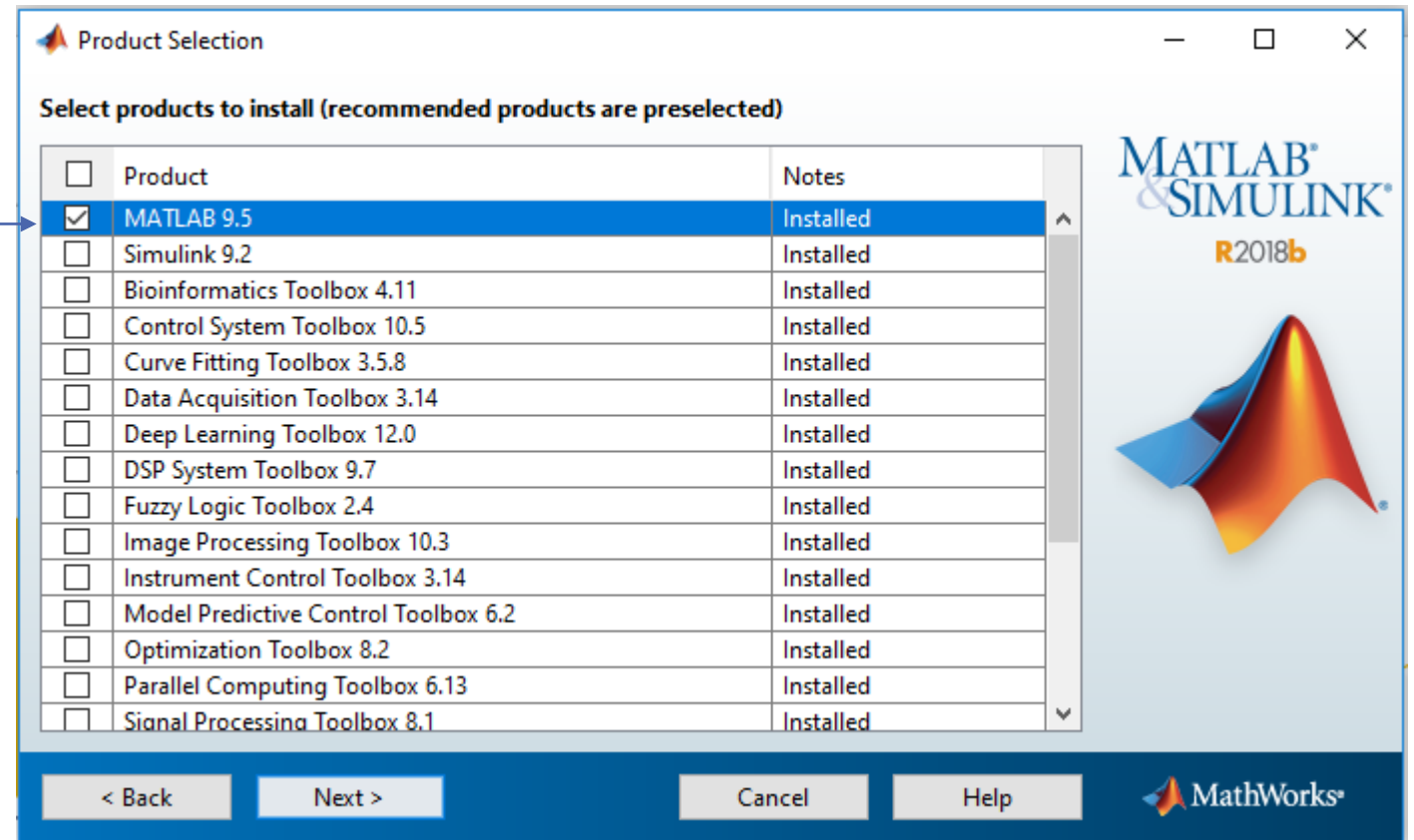
Pilih Lisensi dan klik Next



# Cara Install Software Matlab

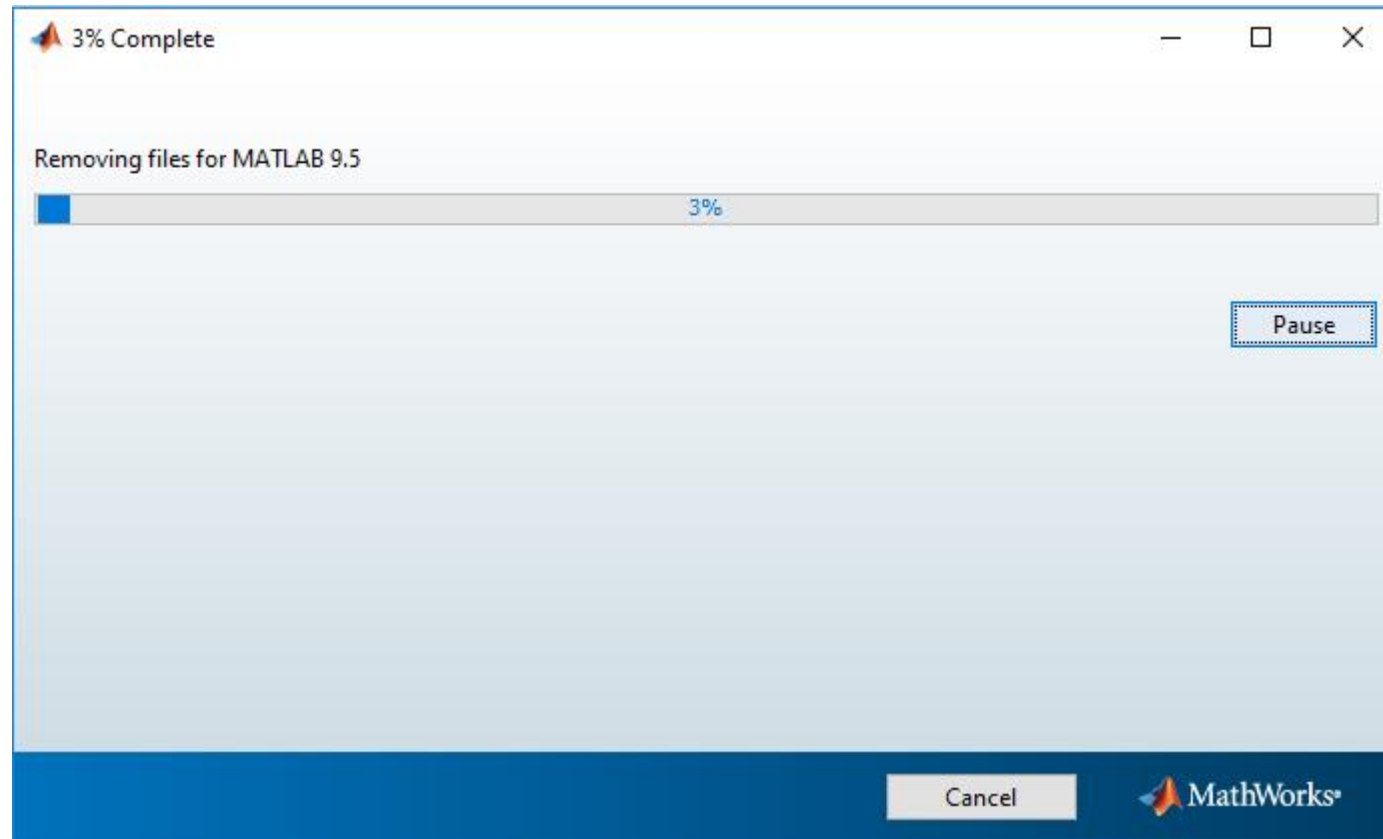
- Pilih dan centang toolbox yang akan digunakan

Centang produk atau Toolbox yang akan digunakan



# Cara Install Software Matlab

- Tunggu proses instalasi sampai selesai.





# Matlab Online



# Matlab Online

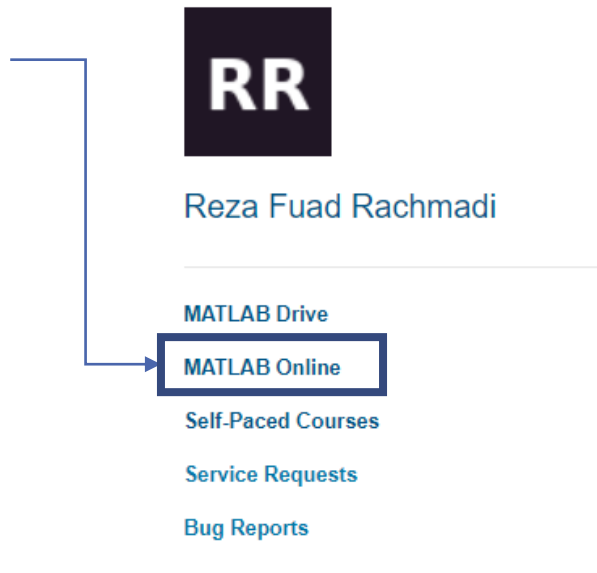
- Salah satu fitur yang dapat dimanfaatkan adalah Matlab Online.
- Keuntungan dari Matlab Online: tidak perlu instalasi, dan langsung dapat dijalankan melalui web browser.
- Terhubung dengan Matlab Drive sebesar 5 GB sebagai media penyimpanan.
- Fitur langsung aktif ketika melakukan registrasi dengan menggunakan email ITS






# Cara Login Matlab Online

- Login ke mathworks.com
- Berikut halaman tampilan dashboard Mathworks

Link untuk  
Matlab Online



## My Software

License	Label	Option	Use
40755015	MATLAB (Individual)	Total Headcount	Academic   

⊕ [Link an additional license](#)

⊕ [Get a trial](#)

# Cara Login Matlab Online

- Akan muncul tampilan login ke Matlab online
- Silahkan login dengan account Mathworks

Isi dengan email ITS

Isi dengan password  
Anda



## MATLAB® Online

Sign in to your MathWorks Account

Email Address:

fuad@its.ac.id

Password:

[Forgot Password?](#)

☒ Keep me signed in

Sign In

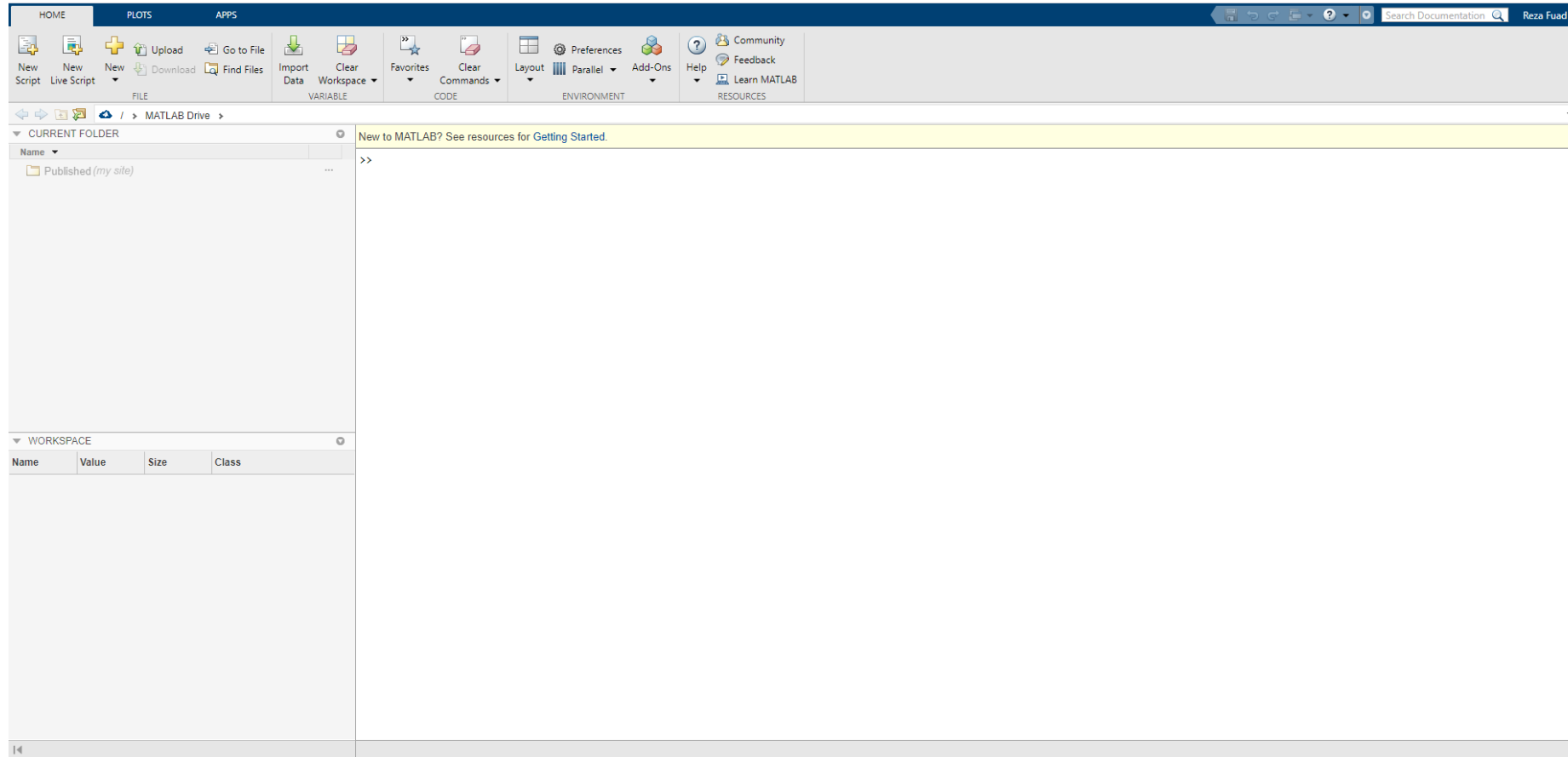
Create Account

[Learn about MATLAB Online](#)

Use [MATLAB Drive™](#) to synchronize your MATLAB files between your computers and MATLAB Online.

# Cara Login Matlab Online

- Berikut tampilan Matlab Online yang siap digunakan



# Matlab Grader



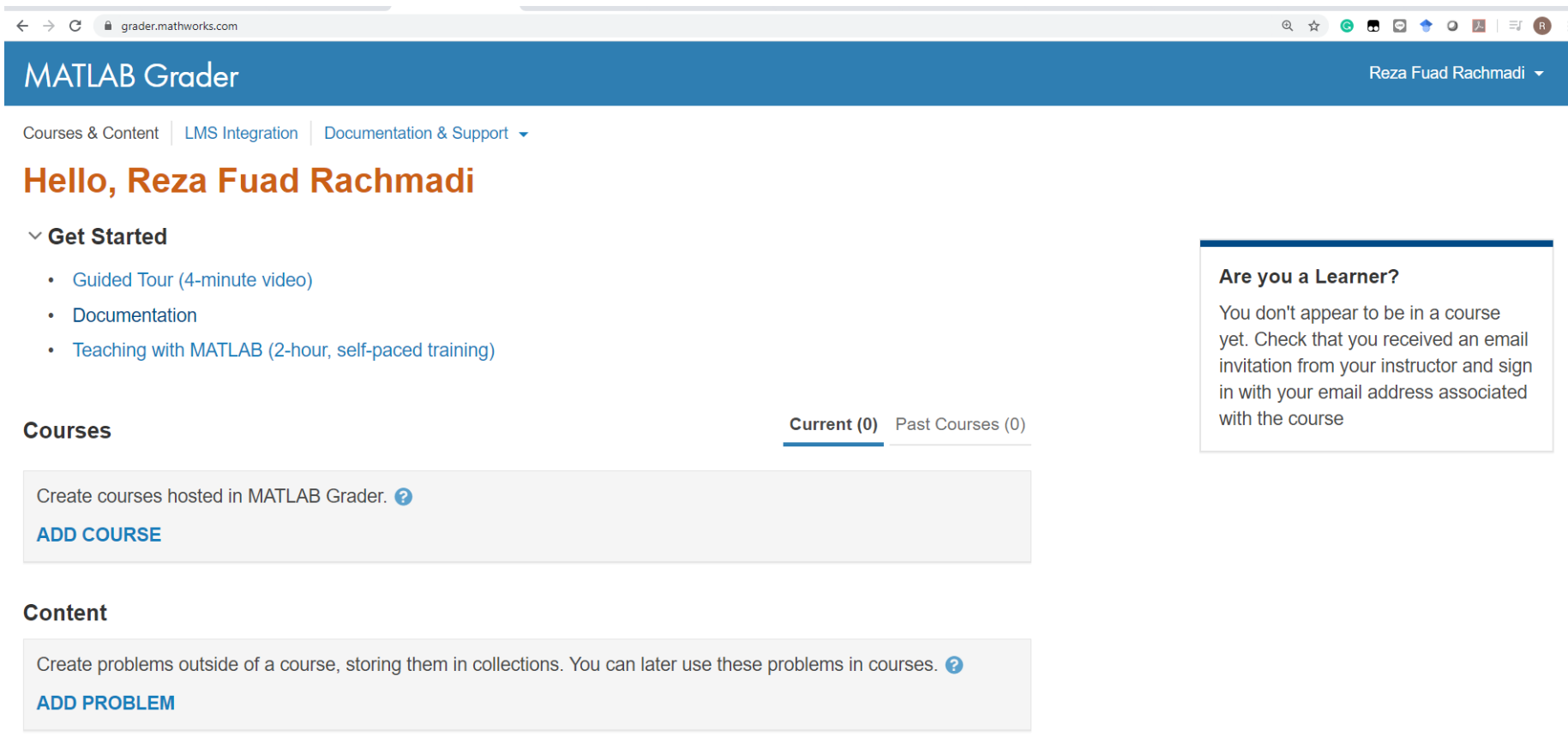
# Matlab Grader

- Matlab Grader merupakan sistem grading otomatis untuk assignment atau problem set yang dikerjakan di software Matlab.
- PS / assignment dapat dikerjakan dengan Matlab Online atau Matlab yang di install di PC.
- Selain PS / assignment, dapat pula membuat course / kuliah berbasis software Matlab.



# Cara Login Matlab Grader

- Login ke mathworks.com
- Ubah URL ke grader.mathworks.com



The screenshot shows the MATLAB Grader web interface. The browser address bar displays 'grader.mathworks.com'. The page has a blue header with 'MATLAB Grader' on the left and the user name 'Reza Fuad Rachmadi' on the right. Below the header, there are navigation links: 'Courses & Content', 'LMS Integration', and 'Documentation & Support'. A large orange greeting 'Hello, Reza Fuad Rachmadi' is prominently displayed. Underneath, a 'Get Started' section lists links for 'Guided Tour (4-minute video)', 'Documentation', and 'Teaching with MATLAB (2-hour, self-paced training)'. The 'Courses' section is active, showing 'Current (0)' and 'Past Courses (0)'. A button 'ADD COURSE' is visible. The 'Content' section shows a button 'ADD PROBLEM'. On the right side, a box titled 'Are you a Learner?' provides instructions for new users.

MATLAB Grader

Reza Fuad Rachmadi

Courses & Content | LMS Integration | Documentation & Support

## Hello, Reza Fuad Rachmadi

Get Started

- Guided Tour (4-minute video)
- Documentation
- Teaching with MATLAB (2-hour, self-paced training)

Courses

Current (0) Past Courses (0)

Create courses hosted in MATLAB Grader. ?

ADD COURSE

Content

Create problems outside of a course, storing them in collections. You can later use these problems in courses. ?

ADD PROBLEM

**Are you a Learner?**

You don't appear to be in a course yet. Check that you received an email invitation from your instructor and sign in with your email address associated with the course



# Referensi Tambahan



# Referensi Lainnya

- Keep Teaching through Distance Learning  
<https://blogs.mathworks.com/loren/2020/03/23/keep-teaching-through-distance-learning/>
- MATLAB Grader Overview  
<https://www.mathworks.com/videos/matlab-grader-overview-1532608334621.html>
- Teaching with MATLAB  
<https://www.mathworks.com/learn/teaching-with-matlab.html>



# Kontak Kami

Website : [its.ac.id/dptsi](https://its.ac.id/dptsi)  
Keluhan/Permintaan : [servicedesk.its.ac.id](https://servicedesk.its.ac.id)  
WA layanan : +62 811-3333-8222  
Email : [dptsi@its.ac.id](mailto:dptsi@its.ac.id)  
Telepon : (031) 5947270  
Penanggung Jawab : Subdit Layanan Teknologi&Sistem Informasi dan Implementasi Teknologi Cerdas

