# CARA MENJALANKAN APLIKASI PEMBELAJARAN AL-QUR'AN

# **MENGGUNAKAN JAVA BERBASIS**

# DEKSTOP

Perangkat keras yang digunakan untuk menjalankan aplikasi adalah sebagai berikut:

- a. Minimum Pentium 4
- b. Minimum RAM (Random Access Memory) 512 MB
- c. Keyboard dan mouse standar
- d. Monitor LED maupun LCD 14"
- e. Minimum Harddisk dengan kapasitas 80 GB

Perangkat lunak yang digunakan dalam pembuatan program aplikasi yaitu:

- a. Sistem Operasi Windows 7
- b. Netbeans Versi 7.1.2
- c. *jdk-7-windows-i586*
- d. *mysql-5.6.3-m6-win32*
- e. SQLYog enterprise v.7

Perangkat lunak yang perlu diinstal sebelum menjalankan program aplikasi belajar Al-Qur'an yaitu :

- a. jdk-7-windows-i586
- b. jre-7u13-windows-i586
- c. *mysql-5.6.3-m6-win32*
- d. SQLYog enterprise v.7

Berikut ini adalah cara menjalankan program aplikasi pembelajaran Al-

Qur'an :

- a. Buka folder software pendukung
- b. Instal jdk-7-windows-i586, ikuti langkah instalasi
- c. Instal *jre-7u13-windows-i586* dan ikuti langkah instalasi
- d. Instal *mysql-5.6.3-m6-win32*, ikuti langkah instalasi dan pada permintaan scurity isi password dengan root, dan centang enable kemudian klik tombol execute.
- e. Instal SQLYog dan restore db\_tajwid.sql di folder setup
- f. Pada folder setup, klik dua kali setup dengan icon al-qur'an, ikuti intruksi instalasi.
- g. Selesai

# Berikut ini adalah proses instalasi pada masing point b s/d f :

### Instalasi Aplikasi Belajar Al-Qur'an

1. Klik setup di folder setup pada folder software pendukung



2. Pilih bahasa yang akan digunakan untuk proses instalasi

😪 Ilmu Taj	jwid Setup
*	Please select a language: English (United States)
	OK Cancel

3. Klik Next



4. Isikan nama, organisasi dan serial number.. Cat: serial dalam bentuk .txt disertakan di folder setup aplikasi. Jika semua sudah benar, klik tombol Next

Ilmu Tajwid Setup	2
Customer Information	Advanced Installe
Please enter your customer information	
User Name:	
Amar	
Organization:	
Akakom	
Serial Number:	
909-897-909-870	
+ Back	→ Next

5. License Agreement atau perjanjian, Silahkan dibaca terlebih dahulu, centang I accept, klik Next

📯 Ilmu Ta	jwid Setup 🗙
Z	Read the Tajwid Licence Terms
	To continue you must read and accept the terms of this agreement. If you do not want to accept the Tajwid Licence Terms, close this window to cancel the installation.
	Aplikasi Pembelaran Al-Qur'an Menggunakan Java Berbasis Dekstop berlisensi ini di tujukan untuk semua kalangan yang ingin mempelajari Al- Qur'an secara baik dan benar sesuai dengan Hukum Ilmu Tajwid
	(Makhorjul Huruf). Dilarang menggandakan aplikasi ini untuk tujuan komersial. Jika persyaratan ini di langgar, di ancam dengan hukuman pidana atau denda sesuai dengan Undang-undang yang berlaku.
	Jika ada kritik dan saran, silahkan email ke <u>rudiamar10@yahoo.co.id</u> < <u>mailtorudiamar10@yahoo.co.id&gt;</u> .
	I accept the terms of this agreement.
	← Back → Next

6. Pilih tipe instalasi Custom atau full (Instal Now)



7. Pilih folder tempat instalasi. Catatan : Sangat di sarankan untuk tidak merubah folder tempat instalasi agar tidak merubah settinga path database. Disarankan untuk tidak merubah atau di sarankan klik Next



8. Klik Install untuk memulai proses instalasi.





Tunggu proses instalasi hingga selesai

9. Pilih Run Ilmu Tajwid untuk menjalankan aplikasi W Imu Tajwid Setup



### Instalasi SQL Yog

1. Buka folder SQLyog di folder software pendukung



2. Klik setup SQL Yog seperti berikut



3. Maka akan keluar tampilan berikut, klik Next



### 4. Klik I accept dan klik Next



### 5. Klik Next

Choose Components Choose which features of SQLyog Enterprise 7.12 you want to install.		
Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.		
Select components to install:	SQLyog Enterprise(requir     Start Menu Shortcuts     Desktop Shortcut     Quick Launch Shortcut	Description Position your mouse over a component to see its description.
Space required: 18.9MB	4	
Webyog Softworks Pvt. Ltd. ——	< <u>B</u> ack	Next > Cancel

#### 6. Klik Install



7. Setelah proses instalasi selesai, maka klik Next



8. Centang Run jika ingin langsung menjalankan SqlYog, klik finish

3 SQLyog Enterprise 7.12 Setup	
	Completing the SQLyog Enterprise 7.12 Setup Wizard SQLyog Enterprise 7.12 has been installed on your computer. Click Finish to close this wizard.
	< <u>B</u> ack Finish Cancel

Catatan : Untuk proses registrasi sqlyog, gunakan keygen yang telah di sertakan di folder sqlyog.

#### Proses Impor Database :

1. Buka sql yog yang telah di instal

Connect to MySQL Host		<b>— X</b> —
	<u>New</u> Sav <u>e</u> d Connections (o MySQL HTTP SS <u>M</u> ySQL host address <u>U</u> sername <u>P</u> assword P <u>o</u> rt Data <u>b</u> ase(s)	Save Delete calhost I SSL I Save Password 3306
	( Separate multiple dat Leaving Database(s) b	abases with a semicolon '/' . lank will display all databases )
	Connect	Cancel Iest Connection

Isikan password "root" dan klik Test Connection,, Jika tidak ada kesalahan, maka proses koneksi berhasil

Connection Info	x
Connection successful! MySQL version : 5.6.3-m6	
ОК	

2. Klik kanan pada root@localhost dan klik create database untuk membuat database



3. Isikan nama databasenya db\_tajwid dan klik create

Create Database	<b>X</b>
Database name	db_tajwid
Database charset	[default]
Database collation	[default]
	Create Cancel

4. Klik kanan pada db\_tajwid, klik restore from sql dump

Execute	Query(s) From A File
	Execute query(s) stored in a SQL batch file. This option is useful when you want to execute batch scripts without loading it into the SQL editor. Current database : <b>db_tajwid</b>
<u>F</u> ile to e	xecute
D:\Bac	kup Data Skripsi\db_tajwid.sql
	Evenute Close
	Evecute Ciose

Browse db\_tajwid yang di sertakan di folder setup pada folder sofware pendukung dan klik Execute

### Instalasi mySQL server

1. Klik icon mysql-5.6.3-m6-wn32



2. Klik Next



3. Centang I accept dan klik Next



4. Pada tampilan di bawah ini, pilih Typical

B MySQL Server 5.6 Setup	
Choose Setup Type Choose the setup type that best suits your needs	$\bigcirc$
Typical Installs the most common program features. Recommended f	or most users.
Custom Allows users to choose which program features will be installed they will be installed. Recommended for advanced users.	d and where
Complete All program features will be installed. Requires the most disk s	space.
Back Next	Cancel

5. Klik Install untuk memulai proses instalasi dan tunggu sampai selesai



Proses instalasi...

谩 MySQL Server 5.6 Setup	
Installing MySQL Server 5.6	٢
Please wait while the Setup Wizard installs MySQL Server 5.6	j.
Status:	
Back	Next Cancel

6. Klik Next pada tampilan berikut



7. Klik Next



8. Klik Finish



# Proses Konfigurasi MySQL Server

1. Klik Next

MySQL Server Instance Configu	Antion Wizard Welcome to the MySQL Server Instance Configuration Wizard 1.0.17.0 The Configuration Wizard will allow you to configure the MySQL Server 5.6 server instance. To Continue, click Next.
IVIG2QC.	Next > Cancel

### 2. Klik Next



### 3. Klik Next



#### 4. Klik Next

MySQL Server Instance Configuration Wizard
MySQL Server Instance Configuration Configure the MySQL Server 5.6 server instance.
Please select the database usage.
Multifunctional Database
General purpose databases. This will optimize the server for the use of the fast transactional InnoDB storage engine and the high speed MyISAM storage engine.
C Transactional Database Only
Optimized for application servers and transactional web applications. This will make InnoDB the main storage engine. Note that the MyISAM engine can still be used.
C Non-Transactional Database Only
Suited for simple web applications, monitoring or logging applications as well as analysis programs. Only the non-transactional MyISAM storage engine will be activated.
< Back Next > Cancel

### 5. Klik Next

MySQL Server Instance Configuration Wizard	-
MySQL Server Instance Configuration Configure the MySQL Server 5.6 server instance.	
Please select the drive for the InnoDB datafile, if you do not want to use the default settings. InnoDB Tablespace Settings	
Please choose the drive and directory where the InnoDB tablespace should be placed.           C:         Installation Path	
Drive Info Volume Name: System File System: NTFS 35.8 GB Diskspace Used 26.6 GB Free Diskspace	
< Back Cancel	

#### 6. Klik Next



### 7. Klik Next

MySQL Server Instance Configuration Wizard	x
MySQL Server Instance Configuration Configure the MySQL Server 5.6 server instance.	
Please set the networking options.	
✓ Enable TCP/IP Networking	
Enable this to allow TCP/IP connections. When disabled, only local connections through named pipes are allowed. Port Number: 3306   Add firewall exception for this port	:
Please set the server SQL mode.	
▼ Enable Strict Mode	
This option forces the server to behave more like a traditional database server. It is recommended to enable this option.	
< Back Next > Cancel	

### 8. Klik Next



### 9. Centang Include dan klik Next

MySQL Server Inst	ance Configuration Wizard	×			
MySQL Server In Configure the	MySQL Server Instance Configuration Configure the MySQL Server 5.6 server instance.				
Please set the <b>Install As</b>	Windows options. Windows Service				
One	This is the recommended way to run the MySQL server on Windows.				
	Service Name: MySQL Launch the MySQL Server automatically				
🔽 Include Bi	in Directory in Windows PATH				
MySQLs	Check this option to include the directory containing the server / client executables in the Windows PATH variable so they can be called from the command line.				
	< Back Next > Cance	el			

10. Centang Modify dan Enable, Isikan password "root" dan klik Next

MySQL Server Ins	tance Configuration Wiz	ard	-	×	
MySQL Server I Configure th	Instance Configuration e MySQL Server 5.6 server	instance.		0	
Please set the	e security options.				
🔽 Modify Se	ecurity Settings				
	New root password:		Enter the root pass	word.	
root	Confirm:		Retype the passwo	rd.	
		✓ Enable root	access from remote n	nachines	
🗌 Create An	Anonymous Account				
This option will create an anonymous account on this server. Please note that this can lead to an insecure system.					
		< Back	Next >	Cancel	

11. Klik Execute dan tunggu hingga proses selesai

MySQL Server Instance Configuration Wizard
MySQL Server Instance Configuration         Image: Configure the MySQL Server 5.6 server instance.
Ready to execute
<ul> <li>Prepare configuration</li> <li>Write configuration file</li> <li>Start service</li> <li>Apply security settings</li> </ul>
Please press [Execute] to start the configuration.
< Back Cancel Cancel