

Mari belajar **IT**
mudah & seru !

bersama :

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Seminar Coding Online

Membuat Bible Assistant seperti Amazon Alexa di dalam 1-2 jam



8 APRIL 2022
16.00 PM

Pendaftaran Rp. 50.000,-
Diberikan source code & Sertifikat

INSTALLATION OF PROGRAM

1. Install Python 3.10.4 or latest
<https://www.python.org/downloads/>
2. Install XAMPP 7.4.28
<https://www.apachefriends.org/download.html>
3. Install Visual Studio Code
<https://code.visualstudio.com/>

INSTALLATION PYTHON LIBRARY

dari CMD PROMPT

1. Install Text to Speech Library

```
py -m pip install pyttsx3
```

2. Install MySQL Server Connector Library

```
py -m pip install mysql-connector-python
```

3. Install SpeechRecognition Library

```
py -m pip install SpeechRecognition
```

4. Install PyAudio Library

```
py -m pip install pipwin
```

```
py -m pipwin install pyaudio
```

INSTALLATION PYTHON LIBRARY

dari CMD PROMPT

 Command Prompt

```
C:\>pip -m pip install pyttsx3_
```

INSTALLATION PYTHON EXTENSION IN VISUAL STUDIO CODE

The screenshot displays the Visual Studio Code interface with the Extensions view on the left. The 'Python' extension by Microsoft is highlighted in the 'POPULAR' list. The main editor area shows the details for the 'Python' extension, including its version (v2022.2.1924087327), download count (53,144,120), and a 4.5-star rating (468 reviews). The 'Install' button is visible. Below the extension details, the 'Python extension for Visual Studio Code' section is shown, describing its features and web support.

Visual Studio Code interface showing the Python extension installation process.

EXTENSIONS

Search Extensions in Marketplace

INSTALLED 0

POPULAR

- Python** (53.1M, 4 stars) - Microsoft. Install
- Jupyter** (33.6M, 2.5 stars) - Microsoft. Install
- C/C++** (29.4M, 3.5 stars) - Microsoft. Install
- Pylance** (26.5M, 3.5 stars) - Microsoft. Install
- Live Server** (19.9M, 4.5 stars) - Ritwick Dey. Install
- Prettier - Code formatter** (19.7M, 3.5 stars) - Code formatter using prettier

Python v2022.2.1924087327

Microsoft | 53,144,120 | ★★★★★ (468)

IntelliSense (Pylance), Linting, Debugging (multi-threaded, remote), Jupyter Notebooks, co

Install

Details Feature Contributions Changelog Extension Pack

Python extension for Visual Studio Code

A Visual Studio Code extension with rich support for the Python language (for all actively supported versions of the language) features such as IntelliSense (Pylance), linting, debugging, code navigation, code formatting, refactoring, variable explorer,

Web support

The Python extension offers limited support when running on the web (for example, on github.dev), by providing partial IntelliSense in the editor.

STEP-STEP IN DEVELOPING BIBLE ASSISTANT

1. Download KJV Text from Bible Protector
 - www.bibleprotector.com/TEXT-PCE.zip
2. Create MySQL Database in XAMPP (Database Bible) and Create Table (KJV)

Table KJV

id

book

chapter

verse

text

STEP-STEP IN DEVELOPING BIBLE ASSISTANT

3. Create Python Script File in Visual Studio Code to do text Processing Bible Text (`textprocessing.py`) and Insert the all Bible Data to Database (Table KJV)
4. Create Main Python Script File (`bibleassistant.py`) in Visual Studio Code and starting to Code
5. Develop TextToSpeech Feature
6. Develop SpeechRecognition Feature
7. Develop Query to get input from SpeechRecognition
Then Read Bible Text from Database and send the text to be read in TextToSpeech Feature

Do you need
more
Private Training ?

Let join us !

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- ✓ **WEB** Programming
- ✓ **Mobile** Programming
(Android & IOS)
- ✓ **Desktop** Programming



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