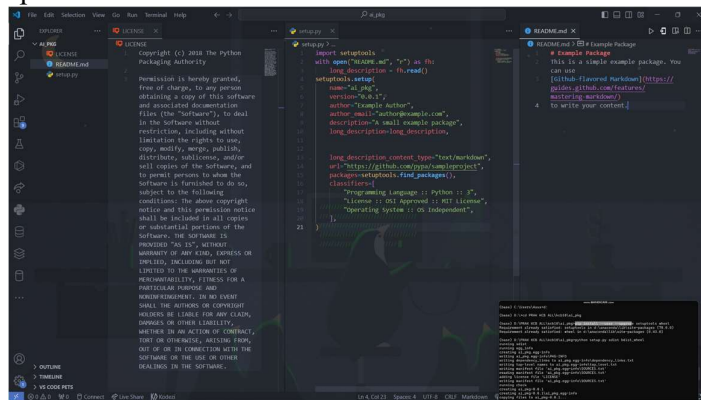


Nama : Aldi Tulus P
Nim : 2200018097
Slot : Senin, 16.45
Pj : Reza

1. Membuat 3 file utama, LICENSE, README.md dan setup.py. Kemudian di isi sesuai dengan yang ada pada modul.



-

3. Setelah itu masukkan command `python setup.py sdist bdist_wheel` untuk membuat file .whl dan file .tar.gz

```

# ai_pkg-0.0.1-py3-none-any.whl
# ai_pkg-0.0.1.tar.gz
# LICENSE
# README.md
# setup.py

# setup.py
import setuptools

with open("README.md", "r") as fh:
    long_description = fh.read()

setuptools.setup(
    name="ai_pkg",
    version="0.0.1",
    author="Example Author",
    author_email="author@example.com",
    description="A small example package",
    long_description=long_description,
    long_description_content_type="text/markdown",
    url="https://github.com/pypa/sampleproject",
    classifiers=[
        "Programming Language :: Python :: 3",
        "License :: OSI Approved :: MIT License",
        "System :: OS Independent",
    ],
)

# LICENSE
Copyright (c) 2018 The Python Packaging Authority

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation

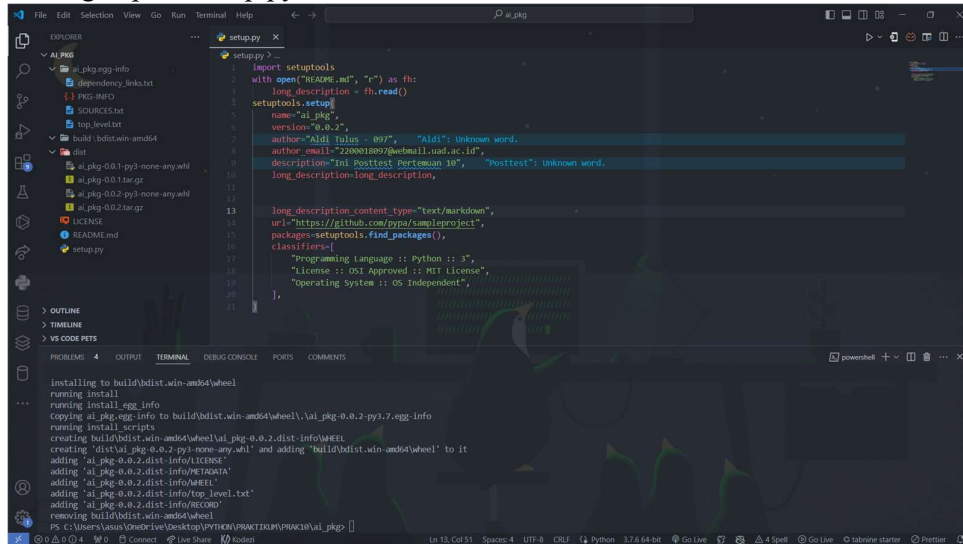
# README.md
# Example Package
# This is a simple example package.
# You can use
# [github-flavored Markdown]
# (https://guides.github.com/features/mastering-markdown/)
# to write your content.

# Output
PS C:\Users\vasu\OneDrive\Desktop\PYTHON\PRAKTIKUM\PRAKTIK0\ai_pkg> python setup.py sdist bdist_wheel
running sdist
running egg_info
creating ai_pkg.egg-info
writing ai_pkg.egg-info/PKG-INFO
writing dependency_links to ai_pkg.egg-info/dependency_links.txt
writing top-level names to ai_pkg.egg-info/top_level.txt
writing manifest file 'ai_pkg.egg-info/SOURCES.txt'
reading manifest file 'ai_pkg.egg-info/SOURCES.txt'
adding license file 'LICENSE'
writing manifest file 'ai_pkg.egg-info/SOURCES.txt'
running check
creating ai_pkg-0.0.1
creating ai_pkg-0.0.1\ai_pkg.egg-info
copying files to ai_pkg-0.0.1
copying LICENSE -> ai_pkg-0.0.1
copying README.md -> ai_pkg-0.0.1
copying setup.py -> ai_pkg-0.0.1
copying ai_pkg.egg-info/PKG-INFO -> ai_pkg-0.0.1\ai_pkg.egg-info
copying ai_pkg.egg-info/SOURCES.txt -> ai_pkg-0.0.1\ai_pkg.egg-info
copying ai_pkg.egg-info/dependency_links.txt -> ai_pkg-0.0.1\ai_pkg.egg-info
copying ai_pkg.egg-info/top_level.txt -> ai_pkg-0.0.1\ai_pkg.egg-info
writing ai_pkg-0.0.1\setup.cfg
creating dist
Creating tar archive
removing 'ai_pkg-0.0.1' (and everything under it)
running bdist_wheel
```

POSTTEST

Silahkan kerjakan posttest sesuai soal dimodul dengan membuat package versi 0.0.2

Codingan pada setup.py



```
File Edit Selection View Go Run Terminal Help
a_pkg

EXPLORER
a_pkg
  a_pkg.egg-info
    dependency_links.txt
    PKG-INFO
    SOURCES.txt
    top_level.txt
  build
    bdist.win-amd64
      dist
        ai_pkg-0.0.1-py3-none-any.whl
        ai_pkg-0.0.1.tar.gz
        ai_pkg-0.0.2-py3-none-any.whl
        ai_pkg-0.0.2.tar.gz
      LICENSE
      README.md
      setup.py

OUTLINE
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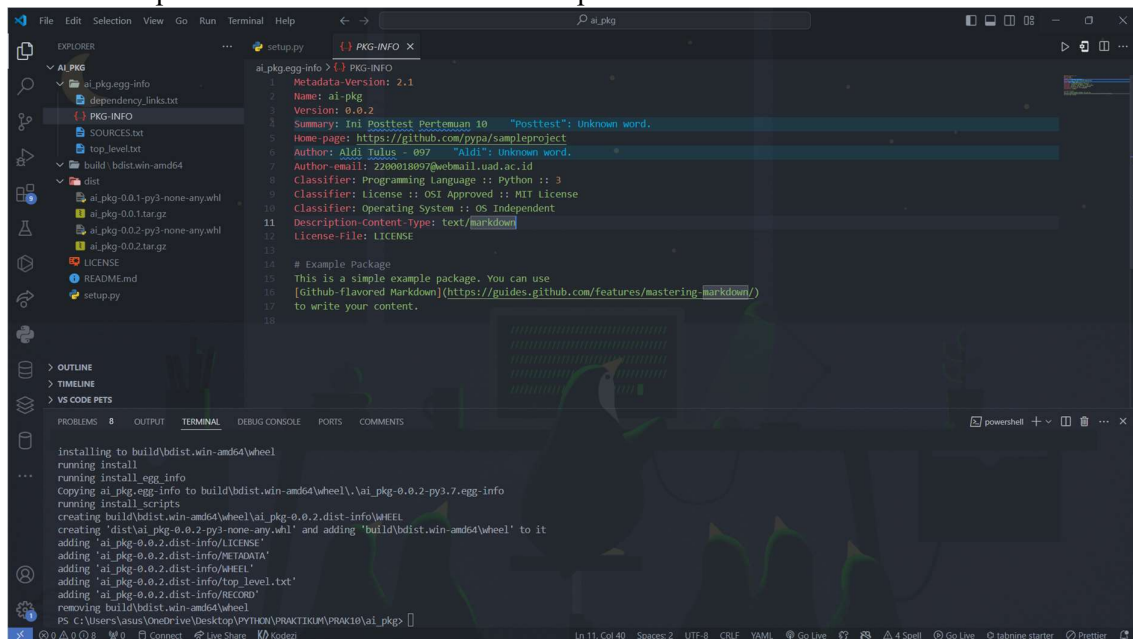
PROBLEMS 4 OUTPUT TERMINAL DEBUG CONSOLE PORTS COMMENTS
installing to build\bdist.win-amd64\wheel
running install
running install_egg_info
Copying a_pkg.egg-info to build\bdist.win-amd64\wheel\ai_pkg-0.0.2-py3.7-egg-info
running install_scripts
creating build\bdist.win-amd64\wheel\ai_pkg-0.0.2.dist-info\WHEEL
creating 'dist\ai_pkg-0.0.2-py3-none-any.whl' and adding 'build\bdist.win-amd64\wheel' to it
adding 'ai_pkg-0.0.2.dist-info\LICENSE'
adding 'ai_pkg-0.0.2.dist-info\top_level.txt'
adding 'ai_pkg-0.0.2.dist-info\RECORD'
removing build\bdist.win-amd64\wheel
PS C:\Users\asus\OneDrive\Desktop\PYTHON\PRAKTIKUM\PRAC10\ai_pkg>

import setuptools
with open("README.md", "r") as fh:
    long_description = fh.read()
setup(
    name='ai_pkg',
    version='0.0.2',
    author='Aldi Tulus - 097',
    author_email='2200018097@eeemail.uad.ac.id',
    description='Ini Posttest Portemuan 10',
    long_description=long_description,
    long_description_content_type='text/markdown',
    url='https://github.com/pypa/sampleproject',
    packages=setuptools.find_packages(),
    classifiers=[
        "Programming Language :: Python :: 3",
        "License :: OSI Approved :: MIT License",
        "Operating System :: OS Independent",
    ],
)
```

Pada bagian version ubah ke 0.0.2 kemudian saya sedikit mengubah pada bagian author dan emailauthor sesuai dengan data diri pribadi saya.

Kemudian masukkan command `python setup.py sdist bdist_wheel` lagi agar membuat file .whl dan file .tar.gz baru sesuai deengan versi terbaru.

Jika di lihat pada file PKG-INFO maka akan seperti ini .



```
File Edit Selection View Go Run Terminal Help
a_pkg

EXPLORER
a_pkg
  a_pkg.egg-info
    dependency_links.txt
    PKG-INFO
    SOURCES.txt
    top_level.txt
  build
    bdist.win-amd64
      dist
        ai_pkg-0.0.1-py3-none-any.whl
        ai_pkg-0.0.1.tar.gz
        ai_pkg-0.0.2-py3-none-any.whl
        ai_pkg-0.0.2.tar.gz
      LICENSE
      README.md
      setup.py

OUTLINE
TIMELINE
VS CODE PETS

PROBLEMS 8 OUTPUT TERMINAL DEBUG CONSOLE PORTS COMMENTS
installing to build\bdist.win-amd64\wheel
running install
running install_egg_info
Copying a_pkg.egg-info to build\bdist.win-amd64\wheel\ai_pkg-0.0.2-py3.7-egg-info
running install_scripts
creating build\bdist.win-amd64\wheel\ai_pkg-0.0.2.dist-info\WHEEL
creating 'dist\ai_pkg-0.0.2-py3-none-any.whl' and adding 'build\bdist.win-amd64\wheel' to it
adding 'ai_pkg-0.0.2.dist-info\LICENSE'
adding 'ai_pkg-0.0.2.dist-info\METADATA'
adding 'ai_pkg-0.0.2.dist-info\WHEEL'
adding 'ai_pkg-0.0.2.dist-info\top_level.txt'
adding 'ai_pkg-0.0.2.dist-info\RECORD'
removing build\bdist.win-amd64\wheel
PS C:\Users\asus\OneDrive\Desktop\PYTHON\PRAKTIKUM\PRAC10\ai_pkg>

a_pkg.egg-info > {} PKG-INFO
1 Metadata-Version: 2.1
2 Name: ai-pkg
3 Version: 0.0.2
4 Summary: Ini Posttest Portemuan 10 "Posttest": Unknown word.
5 Home-page: https://github.com/pypa/sampleproject
6 Author: Aldi Tulus - 097 "Aldi": Unknown word.
7 Author-email: 2200018097@eeemail.uad.ac.id
8 Classifier: Programming Language :: Python :: 3
9 Classifier: License :: OSI Approved :: MIT License
10 Classifier: Operating System :: OS Independent
11 Description-Content-Type: text/markdown
12 License-File: LICENSE
13
14 # Example Package
15 This is a simple example package. You can use
16 [Github-flavored Markdown](https://guides.github.com/features/mastering-markdown/)
17 to write your content.
18
```