

## Prerequisites

Team ID	PNT2022TMID45235
Project Name	A Novel for Handwritten Digit Recognition System

To build Deep learning models you must require the following packages

**Tensor flow:** TensorFlow is an end-to-end open-source platform for machine learning. It has a comprehensive, flexible ecosystem of tools, libraries, and community resources that lets researchers push the state-of-the-art in ML and developers can easily build and deploy ML powered applications.

**Keras :** Keras leverages various optimization techniques to make high level neural network API easier and more performant. It supports the following features:

- Consistent, simple and extensible API.
- Minimal structure - easy to achieve the result without any frills.
- It supports multiple platforms and backends.
- It is user friendly framework which runs on both CPU and GPU.
- Highly scalability of computation.

**Flask:** Web frame work used for building Web applications

## Installing

Install and update using [pip](#):

```
$ pip install -U Flask
```

### A Simple Example

```
# save this as app.py
from flask import Flask

app = Flask(__name__)

@app.route("/")
def hello():
    return "Hello, World!"
```

```
$ flask run
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```