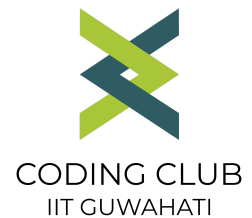


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## CODING CLUB DIY PROJECTS SUMMER 2021



# The Bird which Flaps

Expected Time To Finish: 2 Days

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## INTRODUCTION

Flappy Bird. It's Flappy Bird. It's time to re-create the awful(and loving) Android game. This DIY project focuses on building a Flappy bird, using Pygame. This project will help you get started with python, its libraries and the wonderful world of game development.

## TECHNOLOGIES USED

1. Python and Pygame

## RESOURCES

### Install and Learn Python

- **For Linux users** can check whether python3 is installed. (Preferred)  
Open terminal(Ctrl + Alt + T):

```
$python3
```

If there is an error then

```
$ sudo add-apt-repository ppa:jonathonf/python-3.6  
$ sudo apt-get update  
$ sudo apt-get install python3.6  
$ sudo apt install python3-pip
```

- **For Windows users** Install [Python 3.6/3.7](#).
- **For MAC OS users**  
Open Terminal

```
$ xcode-select --install
$ ruby -e "$(curl -fsSL
https://raw.githubusercontent.com/Homebrew/install/master/install)"
$ curl -O https://bootstrap.pypa.io/ez_setup.py
$ python3 ez_setup.py
$ curl -O https://bootstrap.pypa.io/get-pip.py
$ python3 get-pip.py
```

### For Beginners :

<https://www.youtube.com/playlist?list=PL-osiE80TeTt2d9bfVyTiXJA-UTHn6WwU> - Complete till video 22 to learn the basics of Python.

You can then install Pygame using :

- **For MAC:**

```
python3 -m pip install pygame
```

- **For WINDOWS:**

```
python -m pip install pygame
```

- **For UBUNTU:**

```
sudo apt install python3-pygame
```

## Get familiar with Pygame and Make Flappy Bird

<https://www.youtube.com/playlist?list=PLjcN1EyupaQkz5Olxzwvo1OzDNaNLGwoJ> - Follow this playlist to make Flappy Bird.

This playlist will ensure that you learn as well as complete your project along with it.