



# How to Install Pygame on Windows ?

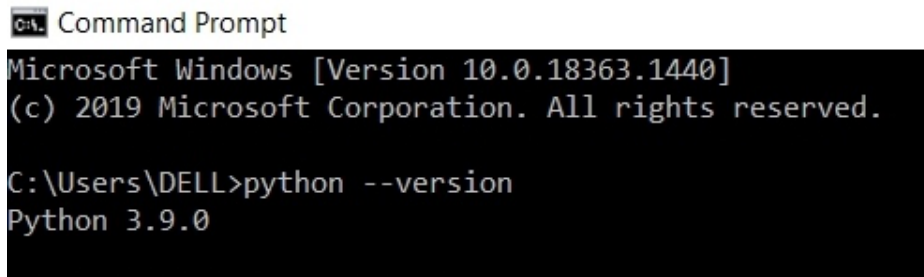
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In this article, we will learn how to Install PyGame module of Python on Windows. **PyGame** is a library of python language. It is used to develop 2-D games and is a platform where you can set python modules to develop a game. It is a user-friendly platform that helps to build games quickly and easily.

## Follow the steps given below for the successful installation of Pygame

### Step 1: Check for Python Installation

In order to install Pygame, Python must be installed already in your system. To check whether Python is installed or not in your system, open the command prompt and give the command as shown below.

A screenshot of a Windows Command Prompt window. The title bar says "C:\> Command Prompt". The text inside the window shows the Microsoft Windows version (10.0.18363.1440) and copyright information (© 2019 Microsoft Corporation). The user has entered the command "python --version" and the output is "Python 3.9.0".

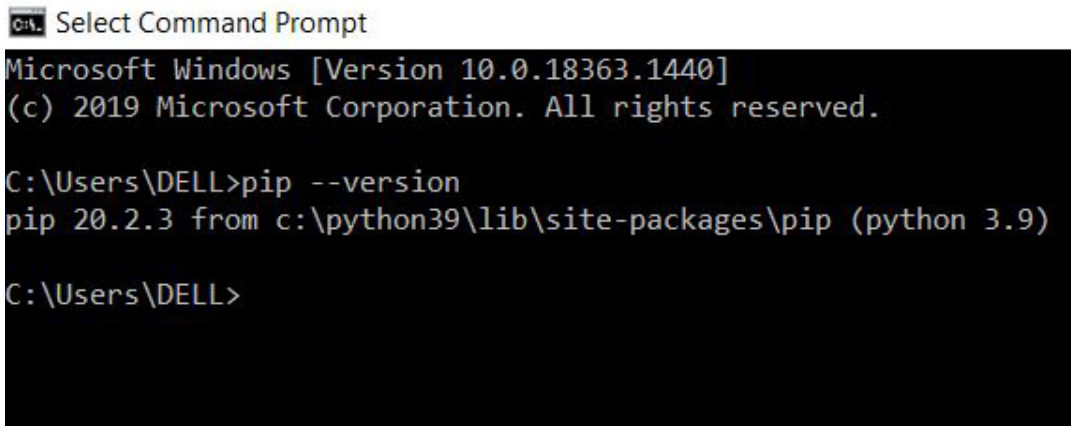
```
C:\> Command Prompt
Microsoft Windows [Version 10.0.18363.1440]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\DELL>python --version
Python 3.9.0
```

If this command runs successfully, and we are able to get a Python version then we are good to go. Otherwise, we have to install Python in our system, to do this refer to [How to install Python on Windows?](https://www.geeksforgeeks.org/how-to-install-python-on-windows/)

### Step 2: Check for PIP installation

PIP is a tool that is used to install python packages. PIP is automatically installed with Python 2.7. 9+ and Python 3.4+. Open the command prompt and enter the command shown below to check whether pip is installed or not.



```
Microsoft Windows [Version 10.0.18363.1440]
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C:\Users\DELL>pip --version
pip 20.2.3 from c:\python39\lib\site-packages\pip (python 3.9)

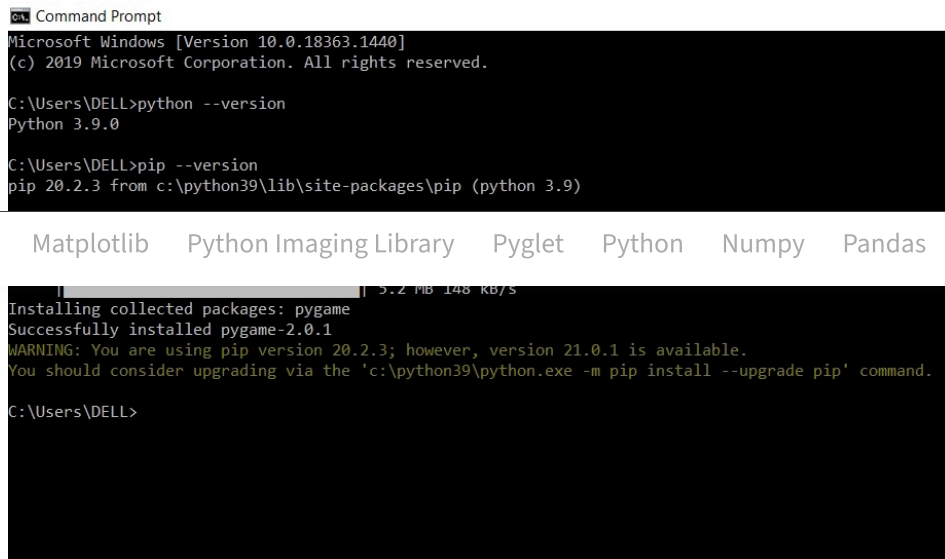
C:\Users\DELL>
```

**Note:** Refer to [How to install PIP on Windows ?](#) for detailed information.

### Step 3: Install Pygame

To install Pygame, open the command prompt and give the command as shown below:

```
pip install pygame
```



```
Microsoft Windows [Version 10.0.18363.1440]
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C:\Users\DELL>python --version
Python 3.9.0

C:\Users\DELL>pip --version
pip 20.2.3 from c:\python39\lib\site-packages\pip (python 3.9)

C:\Users\DELL>
Installing collected packages: pygame
Successfully installed pygame-2.0.1
WARNING: You are using pip version 20.2.3; however, version 21.0.1 is available.
You should consider upgrading via the 'c:\python39\python.exe -m pip install --upgrade pip' command.

C:\Users\DELL>
```

Pygame is successfully installed as shown in the image above.

### Step 4: Check Whether PyGame is Working or not

Now open a new terminal and import the Pygame library to see whether it is working fine or not in our system. The library is imported successfully means we got success.

```
ca Command Prompt - python
Microsoft Windows [Version 10.0.18363.1440]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\DELL>python
Python 3.9.0 (tags/v3.9.0:9cf6752, Oct 5 2020, 15:34:40) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> import pygame
pygame 2.0.1 (SDL 2.0.14, Python 3.9.0)
Hello from the pygame community. https://www.pygame.org/contribute.html
>>> _
```

In this way, we can install the pygame module in Python.

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