



আন্তর্জাতিক ইসলামী বিশ্ববিদ্যালয় চট্টগ্রাম  
الجامعة الإسلامية العالمية شيتاغونغ  
International Islamic University Chittagong

Department of Computer & Communication Engineering(CCE)

## LAB REPORT

Experiment No: 01

Experiment Name: Installation and Setup Process of Python and Pygame

Course Title: Computer Animation and Game Development Sessional

Course Code: CCE-3606

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### Submitted By

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Semester : 6th

Section : A

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### Submitted To

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Experiment Date:     /     /

Submission Date:     /     /

Remark



**Experiment No:** 01

**Experiment Name:** Installation and Setup Process of Python and Pygame.

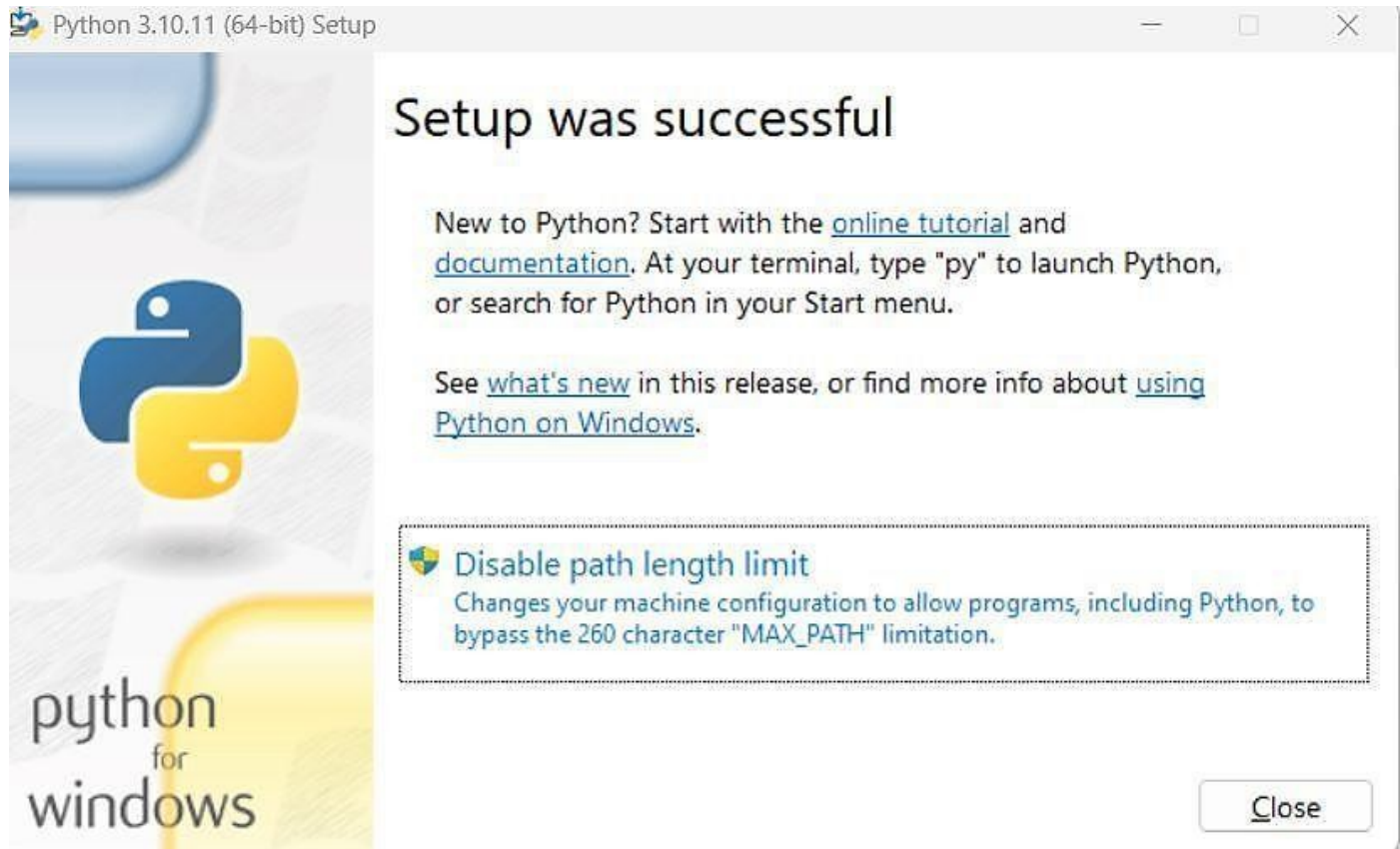
**Process:**

- **Download and Install Python:** Download the latest Python installer from the official website: <https://www.python.org/downloads/>

Release version	Release date	
Python 3.13.0	Oct. 7, 2024	 Download
Python 3.12.7	Oct. 1, 2024	 Download
Python 3.11.10	Sept. 7, 2024	 Download
Python 3.10.15	Sept. 7, 2024	 Download
Python 3.12.6	Sept. 6, 2024	 Download
Python 3.9.20	Sept. 6, 2024	 Download

Run the installer and follow the on-screen instructions:





- Install Pygame: Open the command prompt and give the command:  
`C:\Users\U>pip install pygame`

Output:

```
C:\Users\U>python --version
```

```
Python 3.10.13
```

```
Collecting pygame
  Downloading pygame-2.0.1-cp39-cp39-win_amd64.whl (5.2 MB)
    |████████████████████████████████████████| 5.2 MB 148 kB/s
Installing collected packages: pygame
Successfully installed pygame-2.0.1
```

**Discussion:** This experiment focused on the installation and setup of Python and Pygame, two essential tools for game development. We successfully installed the latest version of Python and used the pip package manager to install Pygame. During the installation process, we faced a few minor challenges, such as path issues. However, by following the official documentation and troubleshooting guides, we were able to overcome these problems and successfully set up our development environment.