



Welcome to Probe'21

Mazebot using Python and Webots



INSTALLING PYTHON 3.9

1.) Click the following link below:

<https://www.python.org/downloads/>

2.) Click “Download python 3.9.2”

3.) Check the “**ADD Python 3.9 to Path**” box without fail.

4.) Click “ Install Now”



DOWNLOAD

The screenshot shows the Python.org website with a dark blue header. The Python logo is on the left, and navigation links (About, Downloads, Documentation, Community, Success Stories, News, Events) are in the center. On the right, there are links for 'Donate', a search bar with a 'GO' button, and a 'Socialize' link. The 'Downloads' menu is open, showing a list of links: 'All releases', 'Source code', 'Windows', 'Mac OS X', 'Other Platforms', 'License', and 'Alternative Implementations'. A red box highlights the 'Downloads' menu item. Below the menu, the 'Download for Windows' section is visible, featuring a button for 'Python 3.9.2' with a red arrow pointing to it. The section also includes a note about Windows 7 compatibility and links to view the full list of downloads.

python™

Donate Search GO Socialize

About Downloads Documentation Community Success Stories News Events

Download

Download Python

Looking for Python

[Linux/UNIX, Mac OS](#)

Want to help test d

[Docker images](#)

Looking for Python

All releases

Source code

Windows

Mac OS X

Other Platforms

License

Alternative Implementations

Download for Windows

Python 3.9.2

Note that Python 3.9+ cannot be used on Windows 7 or earlier.

Not the OS you are looking for? Python can be used on many operating systems and environments.

[View the full list of downloads.](#)

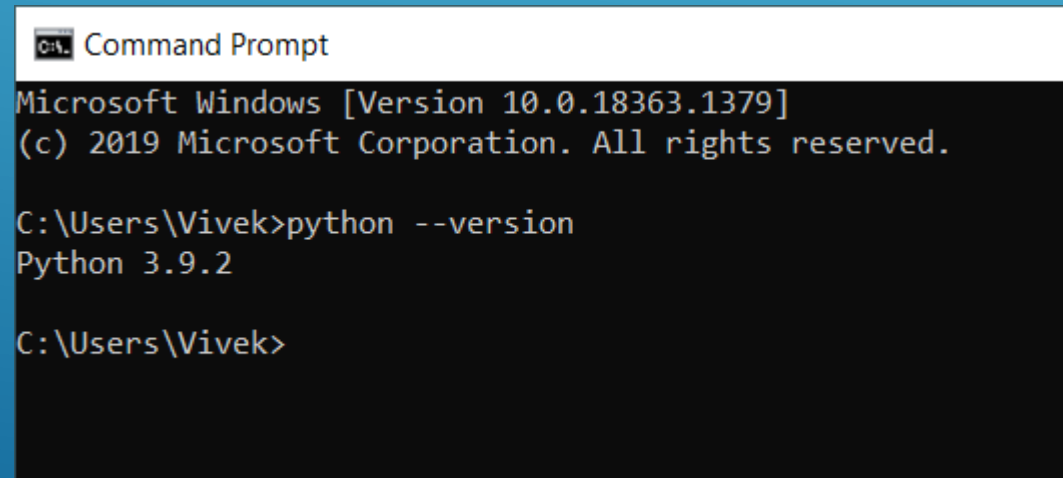
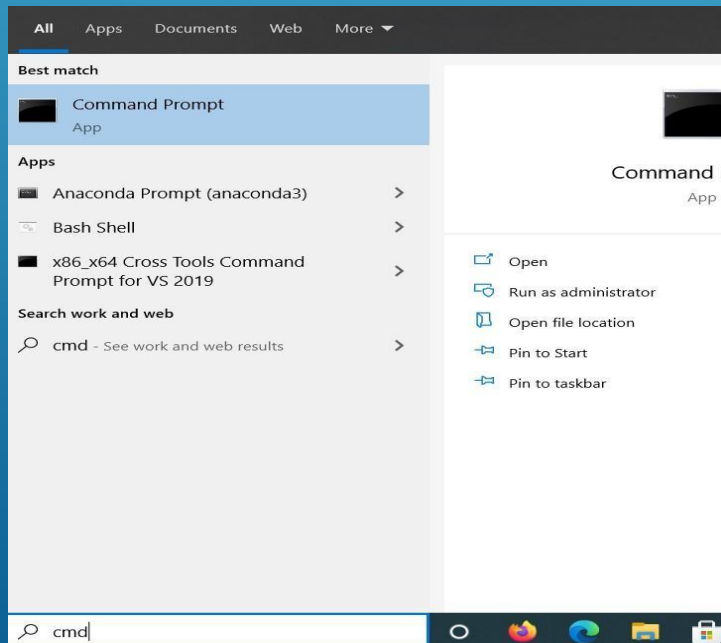
SETUP





CHECK YOUR INSTALLATION

- 1.) In search bar type “cmd” and open command prompt.
- 2.) Type “python --version” and hit ENTER . If it shows “python 3.9.2”, then your installation is complete



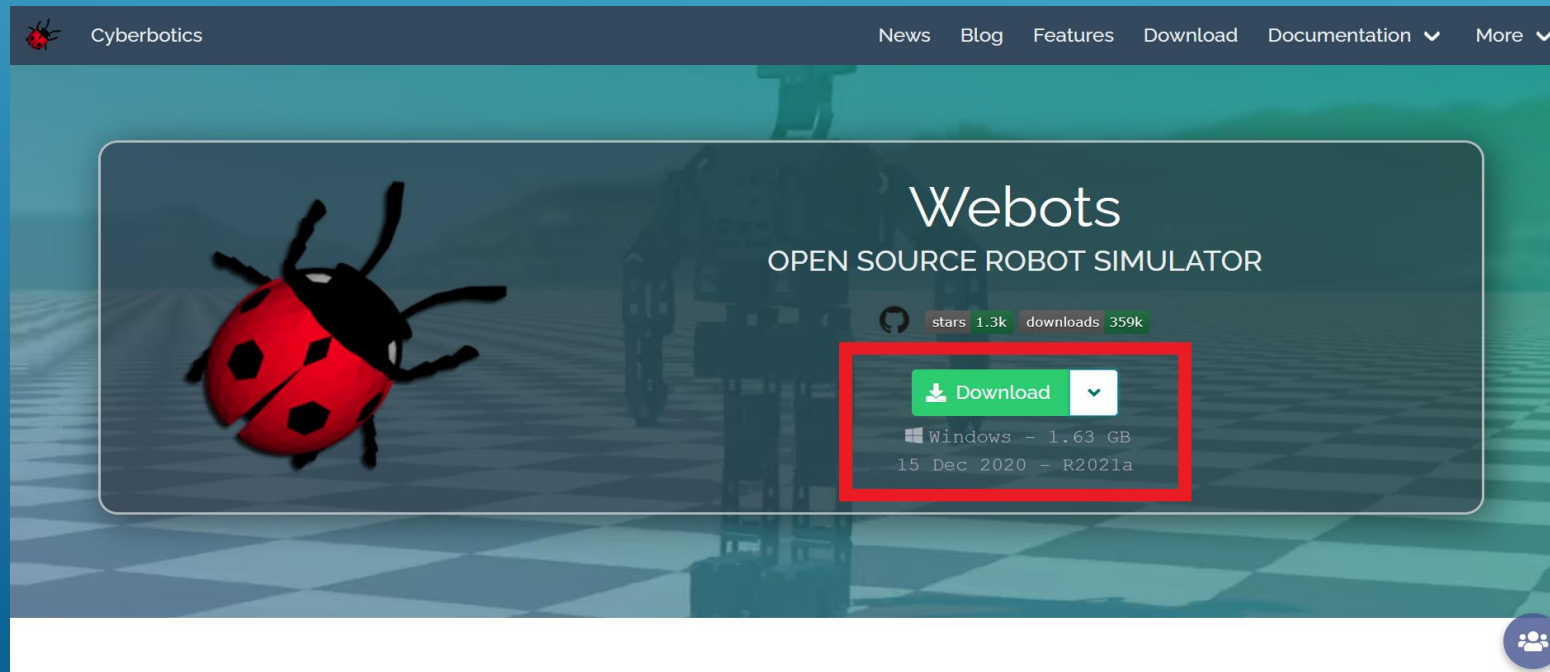


INSTALLING WEBOTS

LET'S HEAD TO **SETUP AND INSTALLATION OF WEBOTS SIMULATION SOFTWARE**
BEFORE WE BEGIN TO INSTALL AND SETUP MAKE SURE TO FREE UP **3GB** MEMORY SPACE
FROM YOUR STORAGE

Click on this link below :

<https://cyberbotics.com/>





Based on your **Operating System**, select the appropriate software from the drop-down menu and save the **setup.exe** file to your device

The screenshot shows a software download interface. At the top right, there is a green 'Download' button with a download icon and a dropdown arrow. Below this, a list of operating system options is displayed. The first two options, 'Windows Installer (.exe)' and 'macOS Bundle (.dmg)', are highlighted with red rectangular boxes. Below these, there are four more options: 'Snap (.snap)', 'Ubuntu Debian (.deb)', 'Ubuntu 20.04 Archive (.tar.bz2)', and 'Ubuntu 18.04 Archive (.tar.bz2)', which are grouped by a red box. At the bottom of the list, there are links for 'Older Versions' and 'Build from Sources', and a 'changelog' link at the very bottom right.

Operating System	File Format	Size
Windows	Windows Installer (.exe)	1.63 GB
macOS	macOS Bundle (.dmg)	1.39 GB
Snap	Snap (.snap)	1.84 GB
Ubuntu Debian	Ubuntu Debian (.deb)	1.45 GB
Ubuntu 20.04	Ubuntu 20.04 Archive (.tar.bz2)	1.44 GB
Ubuntu 18.04	Ubuntu 18.04 Archive (.tar.bz2)	1.44 GB

[Older Versions](#)

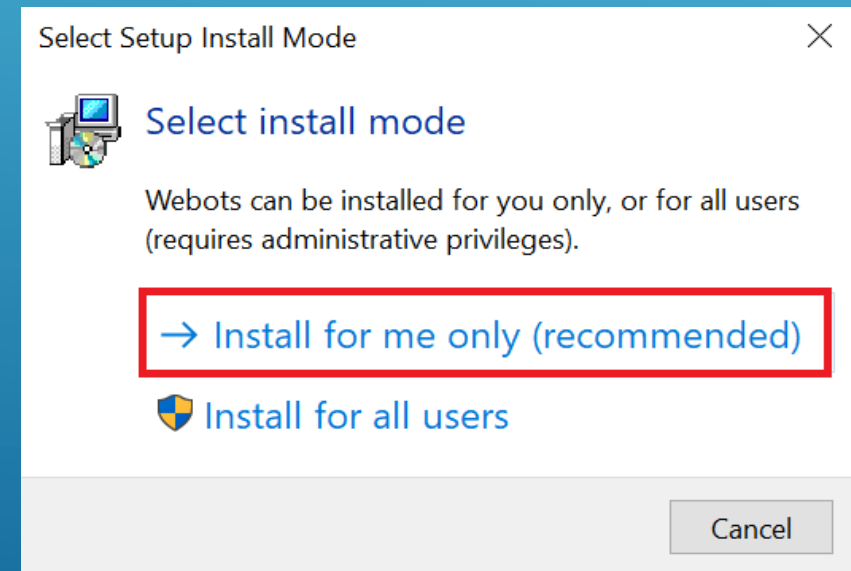
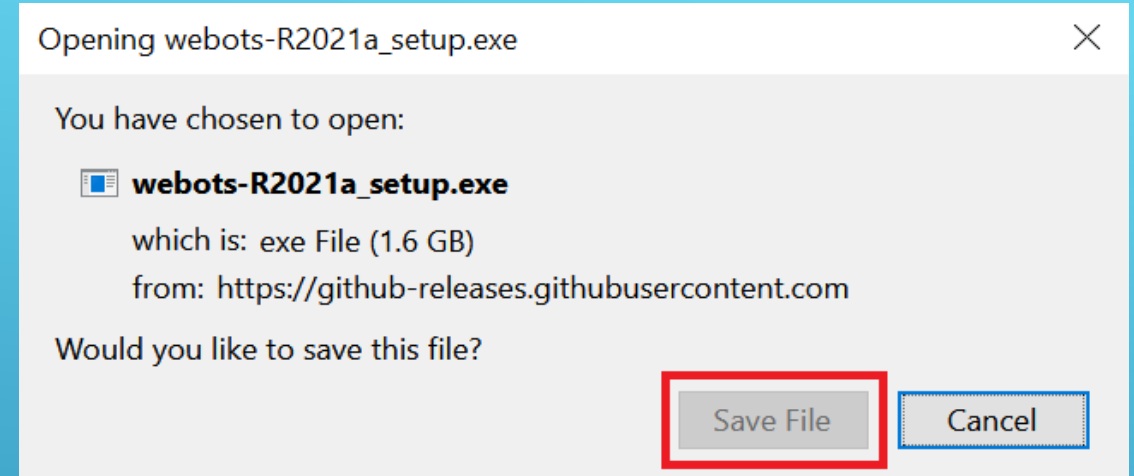
[Build from Sources](#)

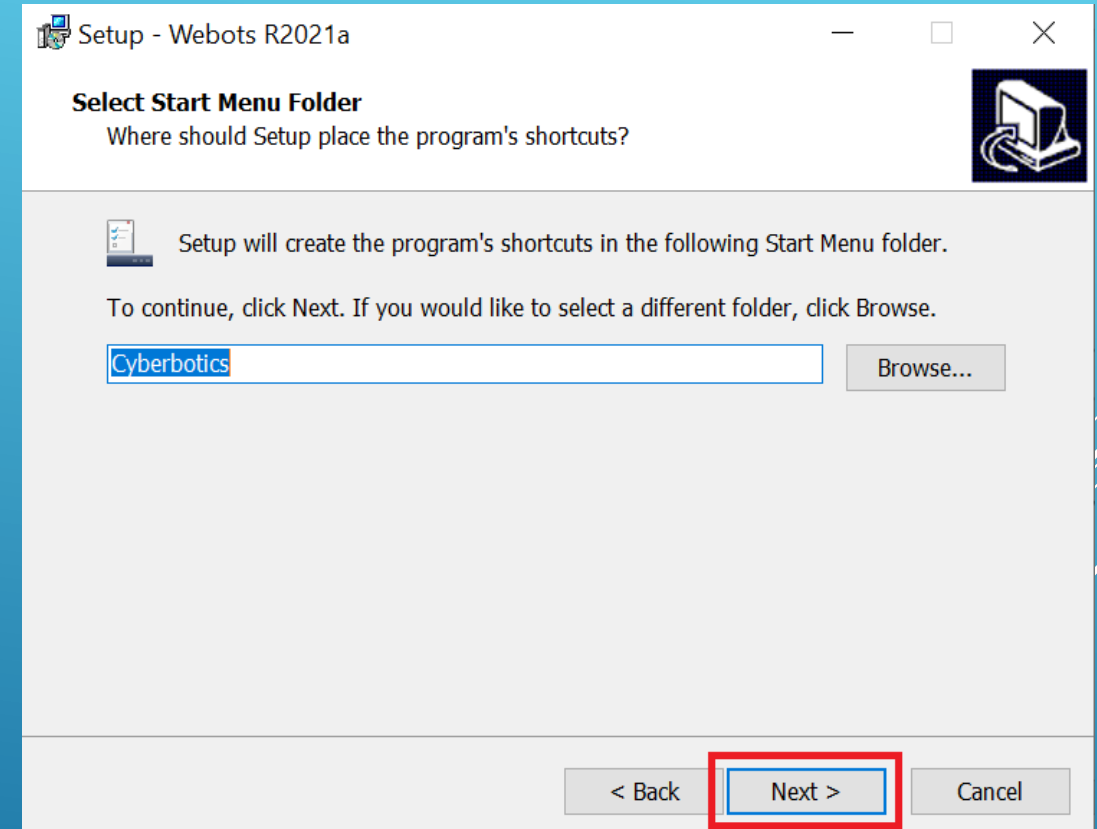
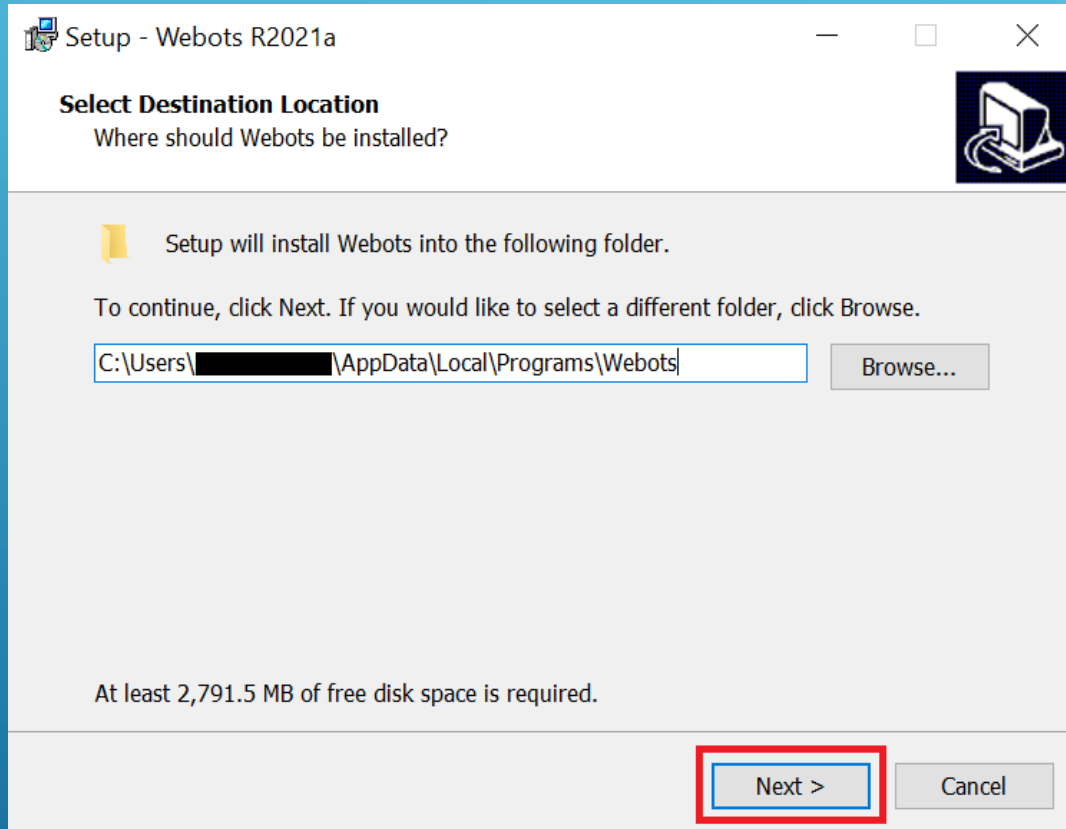
[changelog](#)



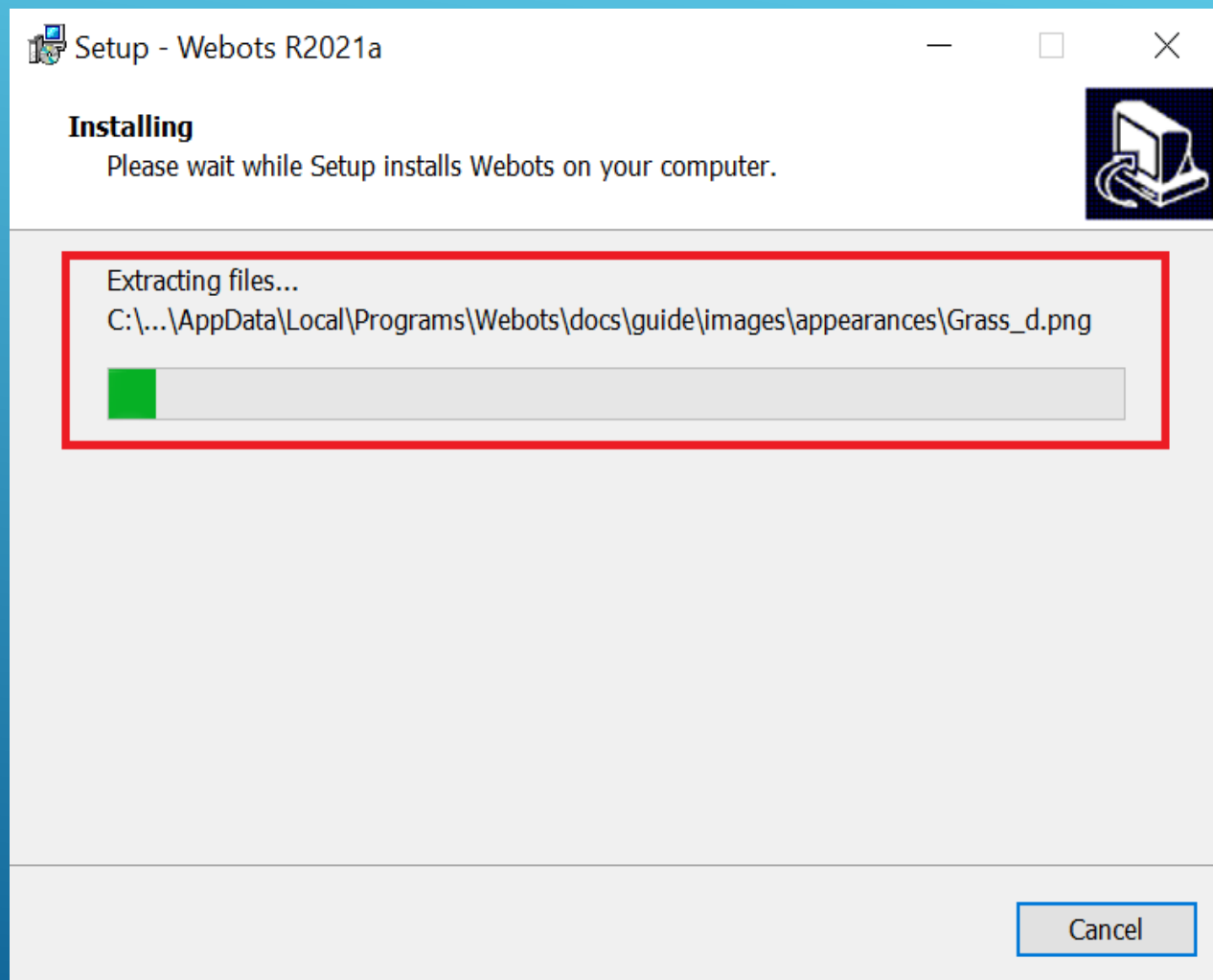
SAVE THE SETUP.EXE FILE TO YOUR DEVICE

Once setup has been
downloaded. Let's begin
to **setup** our WeBots
software.





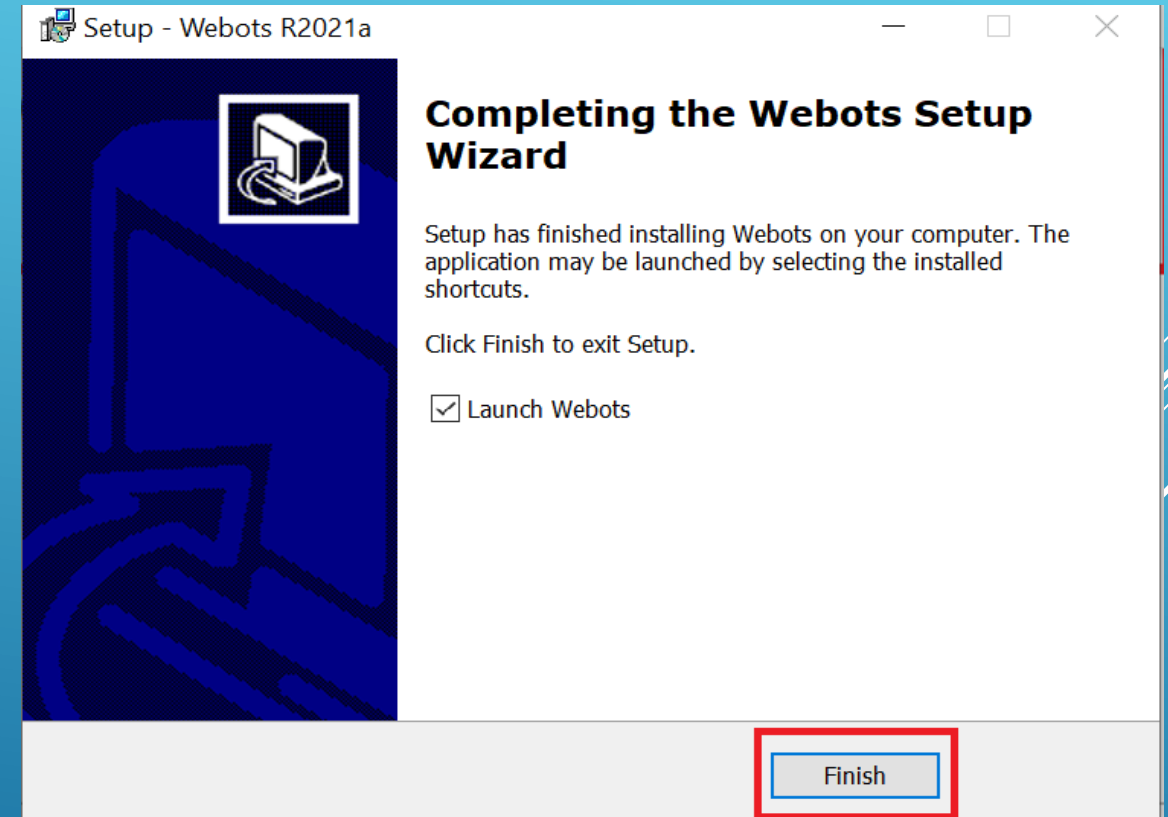
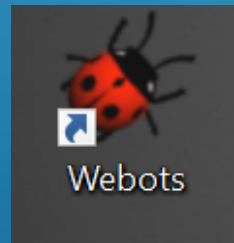
WEBOTS INSTALLATION HAS BEGUN





Installation Complete

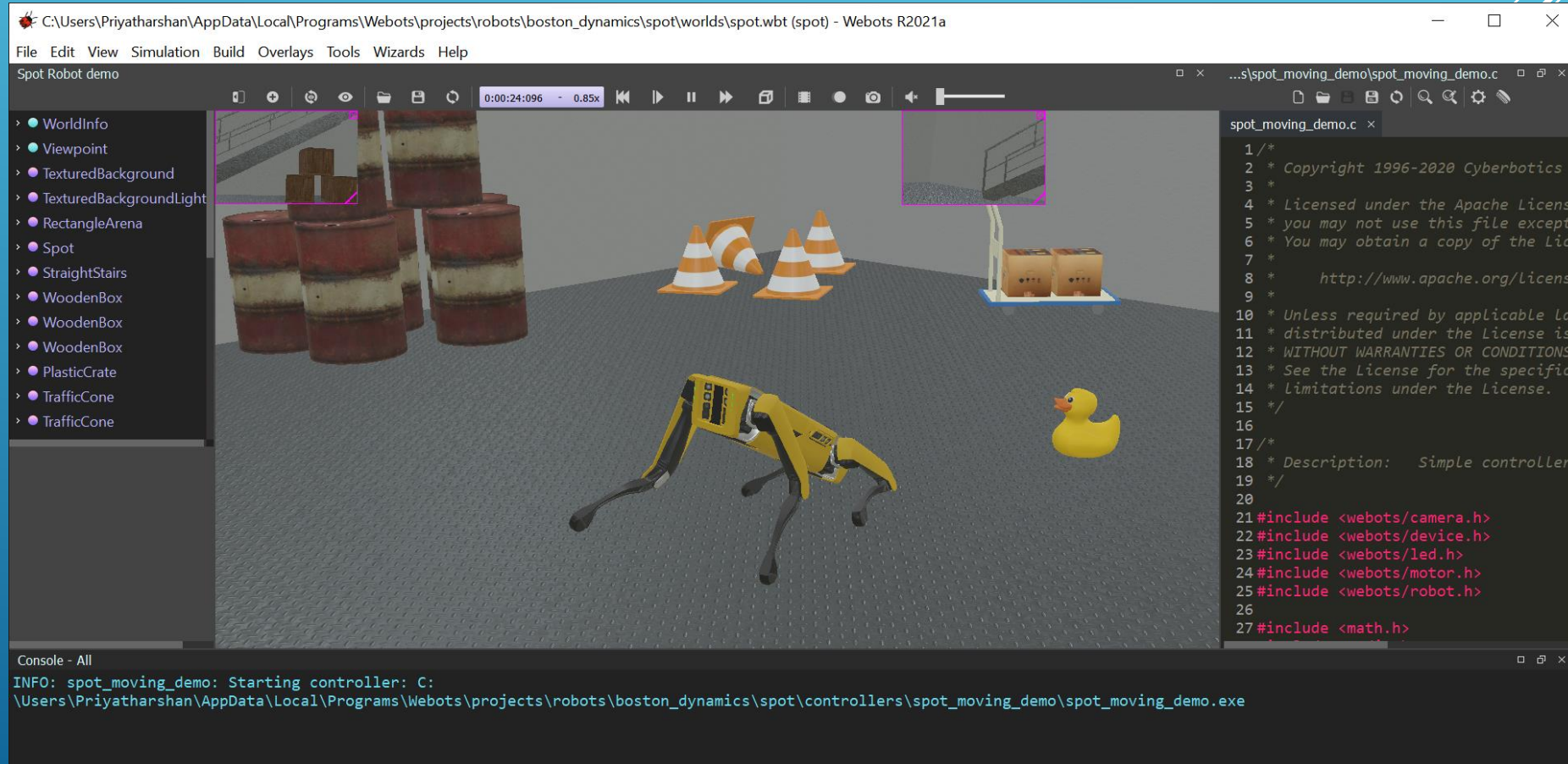
Now you will be able to find the **WeBots Software** icon on your desktop screen



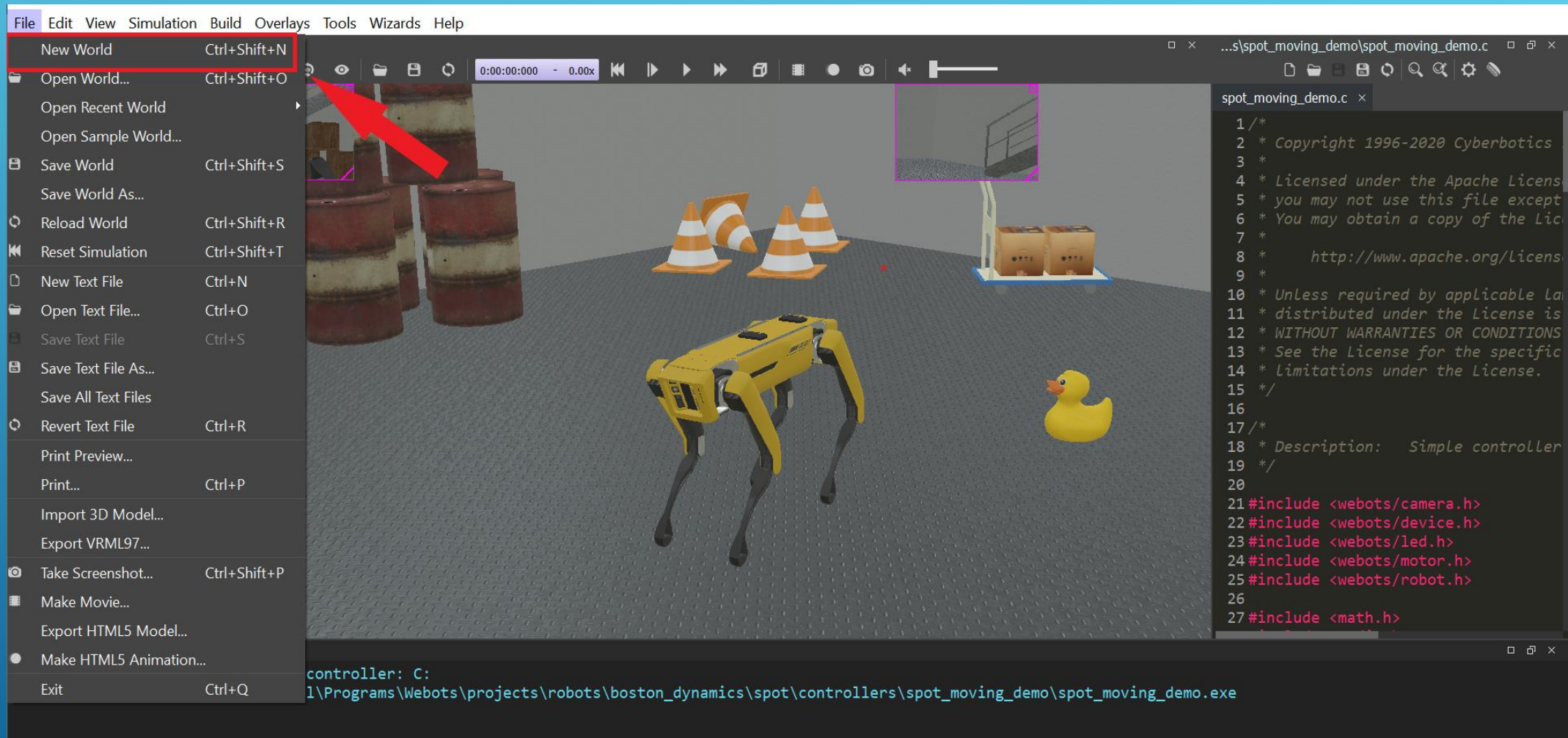


RUNNING WEBOTS FOR THE FIRST TIME

ON **WINDOWS**, THIS IS HOW THE LANDING PAGE WOULD APPEAR. WITH A PRE-LOADED WORLD.



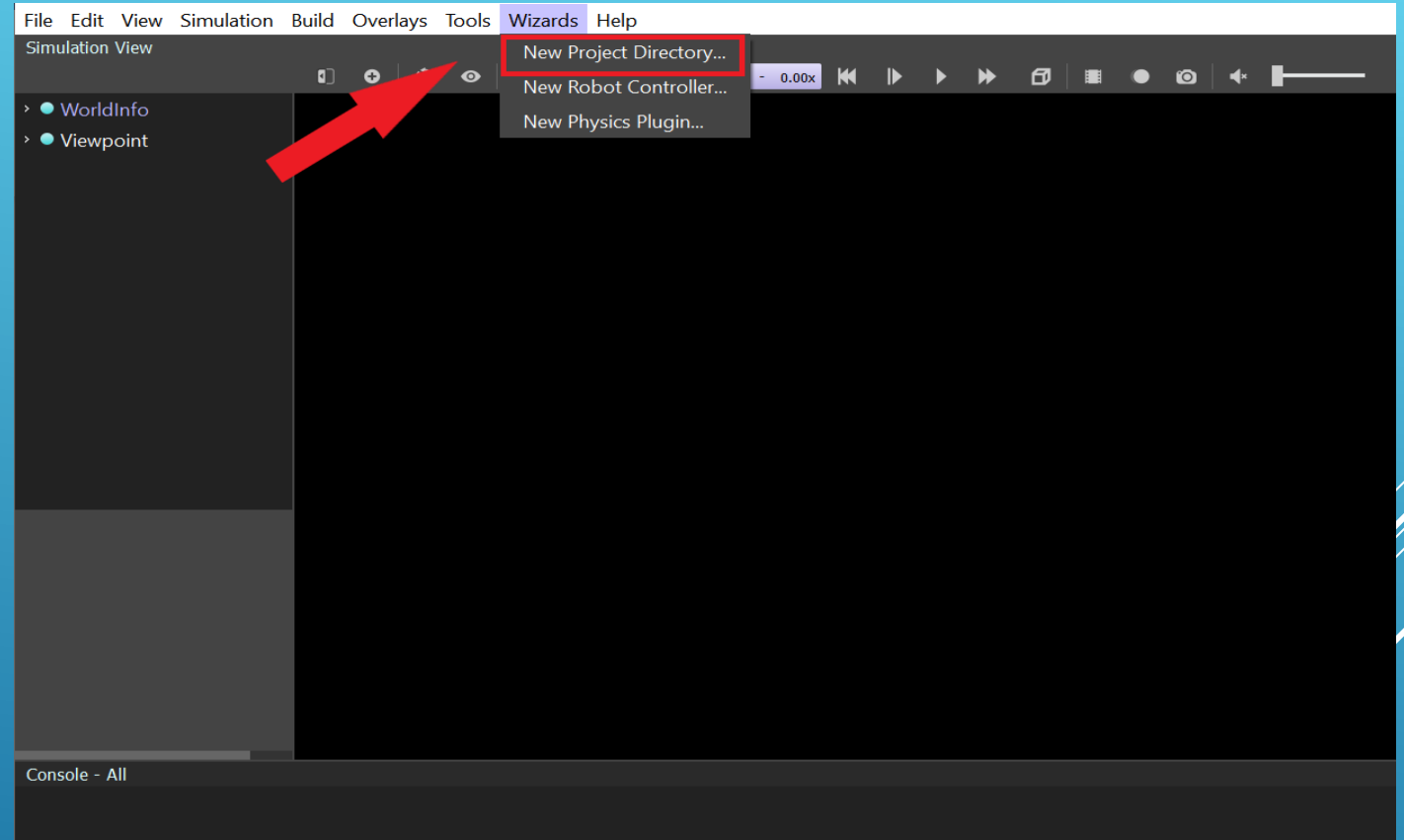
TO OPEN A NEW WORLD





HAVING CREATED A NEW
WORLD, LET US ADD A
RECTANGULAR ARENA

UNDER **WIZARDS** >> SELECT
NEW PROJECT DIRECTORY





STEP
1

← Create a Webots project directly

New project creation

This wizard will help you creating a new project.

Cancel Next

STEP
3

← Create a Webots project directly

World settings

Please choose a name for the new world and select the features you want:

demo_project.wbt

- ☒ Center view point
- ☒ Add a textured background
- ☒ Add a directional light
- ☒ Add a rectangle arena

Cancel Next

STEP
2

← Create a Webots project directly

Directory selection

Please choose a directory for your new project:

C:\Users\Priyatharshan\Documents\my_project Choose

Cancel Next

MAKE SURE TO
ENABLE “**ADD
RECTANGULAR
ARENA**” UNDER
WORLD SETTINGS



New World with a Rectangular Arena is ready!

