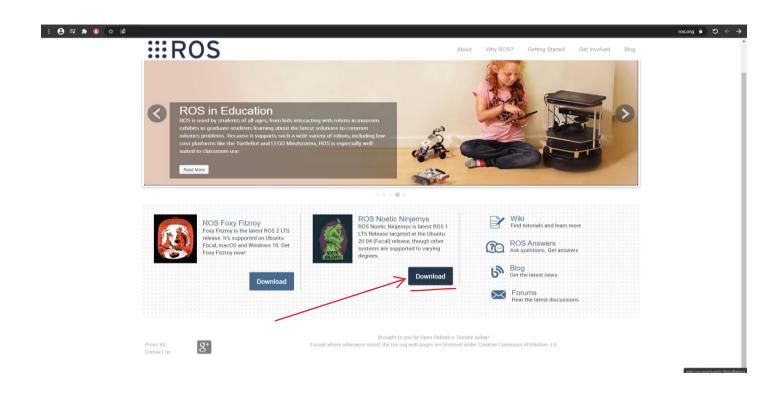
Install ROS Noetic Ninjemys on Ubuntu OS 20.04 LTS

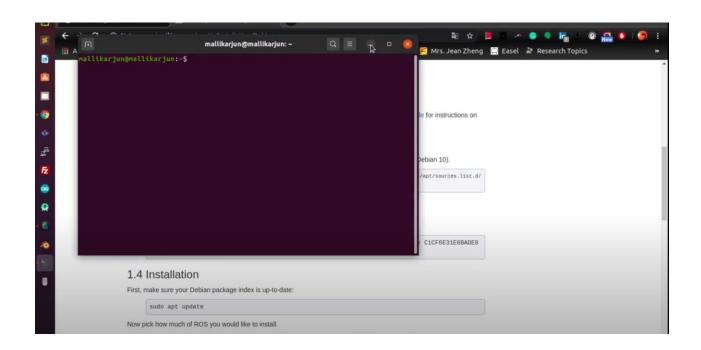
شرح الخطوات بالعربي*

اول خطوة قم بزيارة الرابط في الأسفل واتبع الخطوات الموضحة في الصور ادناه https://www.ros.org/





"ctrl+alt+t" الان افتح لوحة الأوامر في نظام اوبنتو بالضغط على

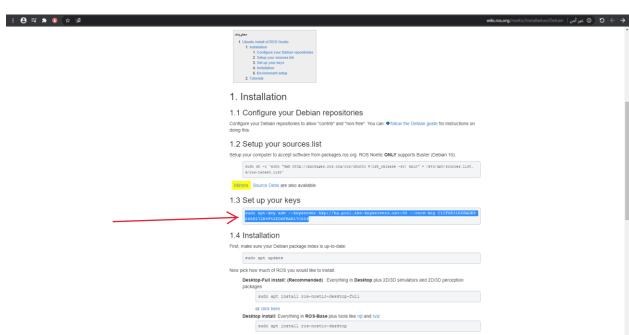


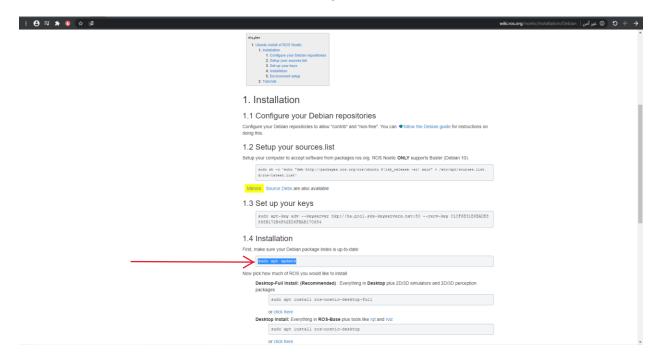
"enter" بعدها انسخ النصوص المحدد عليها في الصور في لوحة أوامر اوبنتو بالترتيب واضغط

-1

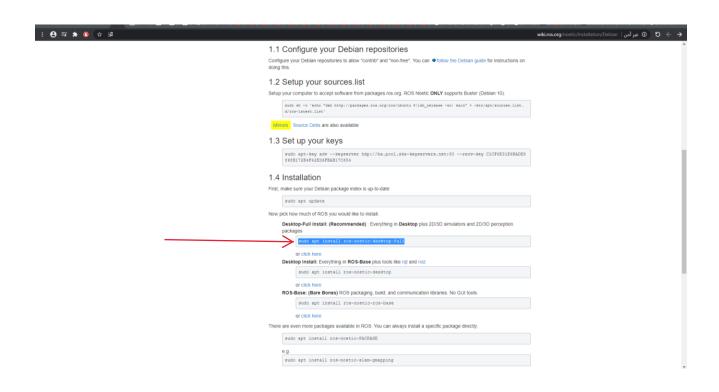
) غیر آمن wiki.ros.org/noetic/Installation/Debian	9 6	→
		مع <u>ارمات</u> (در فزات			-
	If you rely on these packages, please support OSRF.	المرفقات أفعال أكثر:			
	These packages are built and hosted on infrastructure maintained and	تصن مجرد افعل			
	paid for by the ● Open Source Robotics Foundation, a 501(c)(3) non- profit organization. If OSRF were to receive one penny for each	- Committee			
	downloaded package for just two months, we could cover our annual costs to manage, update, and host all of our online services. Please	واوج			
	consider • donating to OSRF today.				-
					ı
	مطريت 1. Ubuntu install of ROS Noelic				-
	Installation Configure your Debian repositories				- 1
	Contigue your Detain repositions Set up your source list Set up your keys				
	Set up your keys Installation Environment selup				
	2. Tutorials				
	1. Installation				
	1.1 Configure your Debian repositories				
	Configure your Debian repositories to allow "contrib" and "non-free". You can ● follow the Debian guide	e for instructions on			-
	doing this.				
	1.2 Setup your sources.list				
	Setup your computer to accept software from packages.ros.org. ROS Noetic ONLY supports Buster (De	ebian 10).			
_	sudo sh -c 'echo "deb http://packages.ros.org/ros/ubuntu \$(lsb_release -sc) main" > /etc/	/apt/sources.list.			
-	d/ros-latest.list'				
	Mirrors Source Debs are also available				
	1.3 Set up your keys				
	sudo apt-key advkeyserver hkp://ha.pool.sks-keyservers.net:80recv-key	C1CF6E31E6BADE8			
	868B172B4F42ED6FBAB17C654				
	1.4 Installation				
	First, make sure your Debian package index is up-to-date:				
	sudo apt update				
	Now pick how much of ROS you would like to install.				

-2





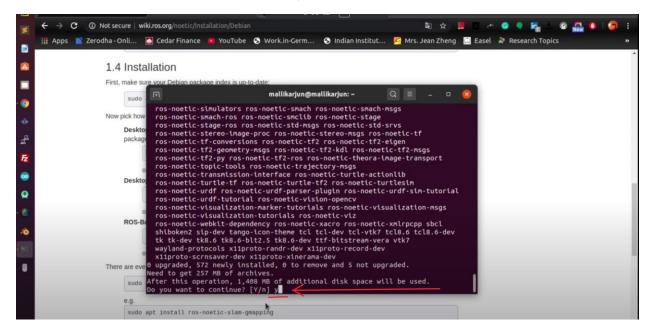
-4.1



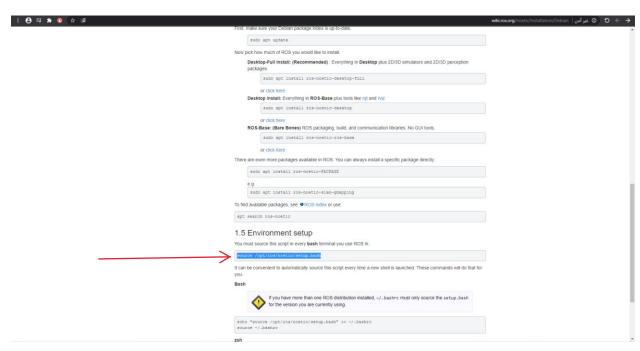
بيطلب منك الاستمرار اكتب الحرف

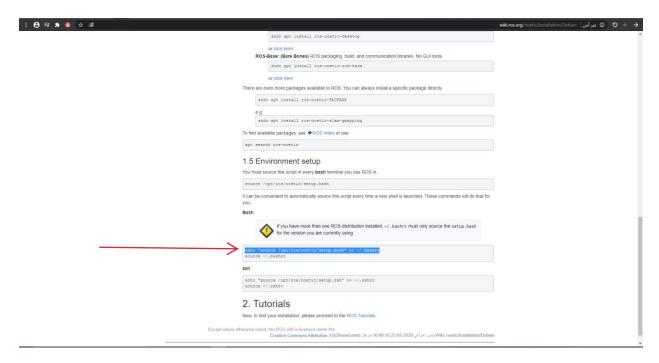
"v"

"enter"ثم

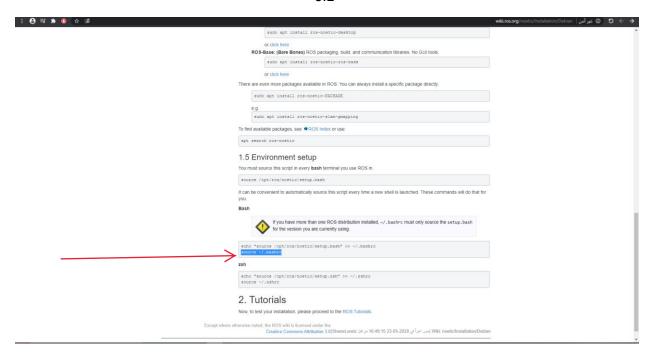


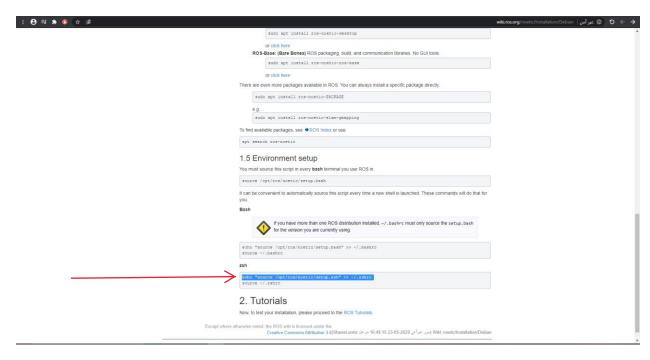
5-



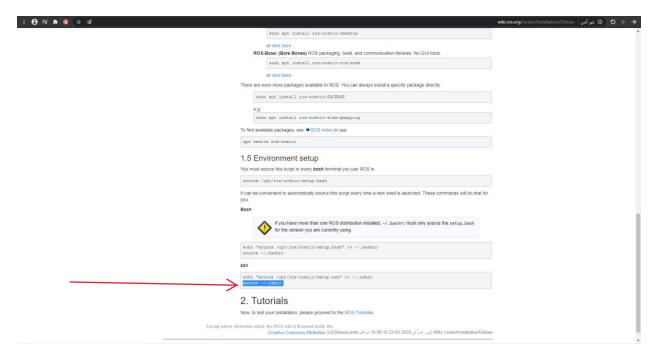


6.2-





7.2-



**تم التنصيب **

