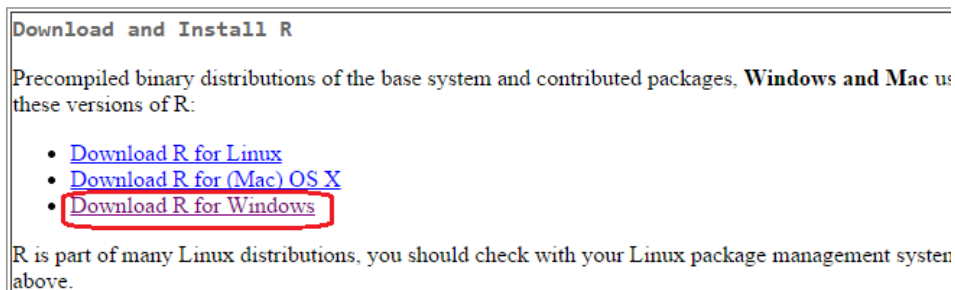

Lab 0 -- R and SAS Installation

R Installation Guide

Step 1: Go to website <https://cran.r-project.org/>.

Step 2: Click option Download R for Windows (or for Mac)



Download and Install R

Precompiled binary distributions of the base system and contributed packages, **Windows and Mac** use these versions of R:

- [Download R for Linux](#)
- [Download R for \(Mac\) OS X](#)
- [Download R for Windows](#)

R is part of many Linux distributions, you should check with your Linux package management system above.

Step 3: Click Subdirectory [base](#).

Subdirectories:

base	Binaries for base distribution (managed by Duncan Mu
contrib	Binaries of contributed packages (managed by Uwe Lig
Rtools	Tools to build R and R packages (managed by Duncan Windows, or to build R itself.

Step 4: Click [Download R 3.2.3 for Windows](#) .



[Download R 3.3.1 for Windows](#) (70 megabytes, 32/64 bit)

[Installation and other instructions](#)

[New features in this version](#)

Step 5: Set up software (apply default setting during installation)

Step 6: Open R when it is already installed.

Assignment Part 1: Please submit a print screen of the **R console**.

RStudio Installation Guide

Step 1: Go to website <https://www.rstudio.com/>.

Step 2: Click option Download RStudio

Step 3: Select RStudio desktop

The screenshot shows the RStudio website header with navigation links: Products, Resources, Pricing, About Us, and Blog. Below the header is a table with the following rows:

Sessions				
Administrative Dashboard				
Load Balancing and Resource Management				
License	AGPL	Commercial	AGPL	Commercial
Pricing	FREE	\$995/yr*	FREE	\$9,995/yr*
	DOWNLOAD	BUY NOW	DOWNLOAD	DOWNLOAD

The 'DOWNLOAD' button under the 'FREE' pricing column is highlighted with a red box.

Step 4: Choose your Installer, for Windows (or Mac)

Installers for Supported Platforms

Installers	Size	Date
RStudio 0.99.903 - Windows Vista/7/8/10	77.1 MB	2016-07-18
RStudio 0.99.903 - Mac OS X 10.6+ (64-bit)	60 MB	2016-07-18
RStudio 0.99.903 - Ubuntu 12.04+/Debian 8+ (32-bit)	81.6 MB	2016-07-18
RStudio 0.99.903 - Ubuntu 12.04+/Debian 8+ (64-bit)	88.3 MB	2016-07-18
RStudio 0.99.903 - Fedora 19+/RedHat 7+/openSUSE 13.1+ (32-bit)	81 MB	2016-07-18
RStudio 0.99.903 - Fedora 19+/RedHat 7+/openSUSE 13.1+ (64-bit)	81.9 MB	2016-07-18

Step 5: Set up software (apply default setting during installation).

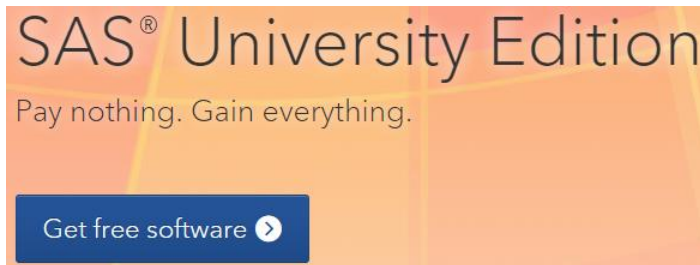
Step 6: Open **RStudio** when it is finished installation.

Assignment Part 2: Please submit a print screen of the **R Studio console**.

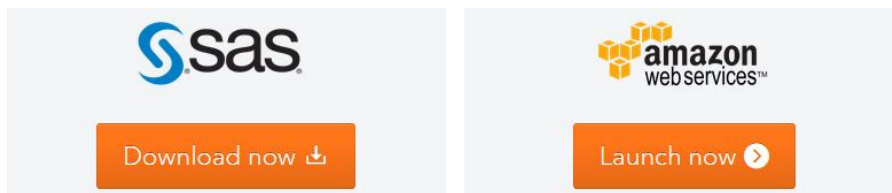
SAS Installation Guide

Step 1: Go to website http://www.sas.com/en_us/software/university-edition.html#close

Step 2: Click **Get free software** button:



Step 3: Click **Download now** button:



Step 4: Check your operation system and make sure that your computer meets the minimum system requirements



Step 5: Get the Quick Start Guide -- **Make sure to read the Quick Start file and watch the video**

And don't just download the PDF – actually read it. Or watch the video if that's more your thing. Or do both!



Quick Start PDF

[Download PDF](#)

Seriously. The Quick Start Guides give you step-by-step instructions for installing and configuring SAS University Edition on your laptop or desktop computer. You won't regret it.



Quick Start Video

[Watch video](#)

Step 6: Click **Download VirtualBox for Windows**:

[Download VirtualBox for Windows](#)

Click [x86/amd64](#) to download the VirtualBox:

VirtualBox binaries

By downloading, you agree to the terms and conditions of the respective license.

- **VirtualBox platform packages.** The binaries are released under the terms of the GPL version 2.
 - **VirtualBox 5.1.6 for Windows hosts** → [x86/amd64](#)
 - **VirtualBox 5.1.6 for OS X hosts** → [amd64](#)
 - **VirtualBox 5.1.6 for Linux hosts**
 - **VirtualBox 5.1.6 for Solaris hosts** → [amd64](#)

Step 7: Download the SAS University Edition vApp



Step 8: Login your profile to download SAS software, or create your profile if you are a new user. **Note:** please use your **BC email**

Already have a SAS Profile?	New user?
<p>Email:</p> <input type="text"/>	<p>A SAS Profile gives you quick and easy access to SAS communities, technical support, software downloads and hot fixes, training, newsletters and more.</p> <p>Create profile</p>
<p>Password:</p> <input type="password"/>	
<p><input checked="" type="checkbox"/> Keep me signed in</p> <p>Sign in</p>	

Step 9: Follow the steps in the Quick Start Guide in **Step 5** to set up SAS® University Edition.



Assignment Part 3: Please submit a print screen of the **SAS console**.