Running RStudio on the HPC Prince Cluster

**Are you new to R?**
If you are new to R programming, check the following resources:

- An online Introduction to R at Data Camp.
- Take a Data Services R class at the Library
- A short video: An introduction to RStudio at Lynda.com
- An Introduction to R at Lynda.com

First, you need to make sure your workstation is configured to use graphical interface. Here are instructions for preparing your Windows and Mac workstations. If your workstation is Linux, it will be already configured.

Log in to Prince cluster with -Y option enabled:

```
$ ssh -Y <net_id>@prince.hpc.nyu.edu
```

Start an interactive session with X11 forwarding enabled with the following command:

```
$ srun --x11 --pty /bin/bash
```

You will be redirected to one of the compute nodes. Load "rstudio" module:

```
$ module avail rstudio
rstudio/1.0.136
$ module load rstudio/1.0.136
```

Finally, run RStudio:

```
$ rstudio
```

P.S: This might not work for windows. Works perfectly fine with Linux/Mac