G. H. Raisoni College Of Engineering And Management, Wagholi Pune

2021- 2022

Assignment no :- 1

Department	CE [SUMMER 2022 (Online)]		
Term / Section	IV/B	Date Of **submission**	22-02-2022
Subject Name /Code	Data Analysis using R /UDSP208		
Roll No.	SCOB77	Name	Pratham Rajkumar pitty
Registration Number	2020AC0E1100107		

DAR :→ Experiment no1.

PAGE NO | DATE

AIM:→ ① Installation and configuration of R studio
② write on R/Python program to take input from the user (name and age) and display the value.
Also print the version of R installation

Theory →

④ Steps to install the R studio

Installing R studio on windows OS.

Step 1 → Go to CRAN R project website.
Step 2 → click on the basic subdirectory linked install R for the first time link.
Step 3 → click download R for windows
Step 4 → Run the exe file for ~~to~~ downloaded
Step 5 → Later select the desired language for installation and click next.
Step 6 → keep the settings default and install the R Studio

conclusion → Thus, we successfully installed the R Studio, and implemented program over it using R programming language.

Experiment No.1 a

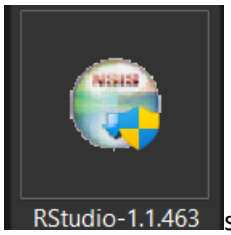
Part 1 :- Installation and Configuration of R Studio

Go to CRAN R project website. The Comprehensive R Archive Network

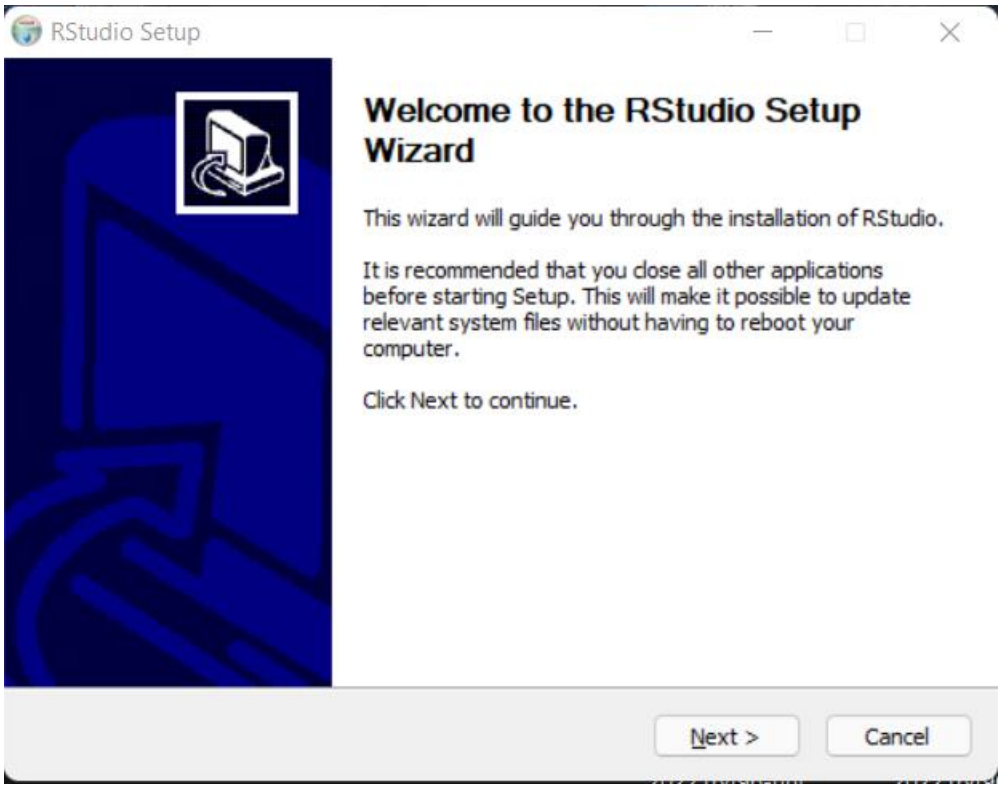
(r-project.org)

https://cran.r-project.org/

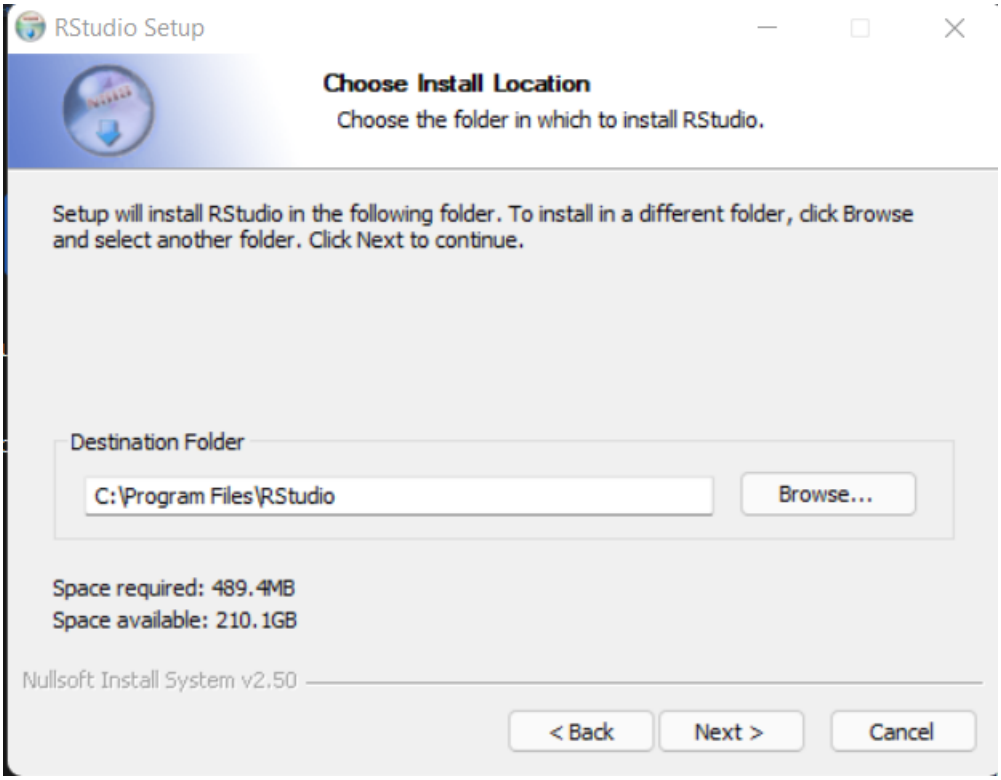
Step 1:- download Rstudio-1.1.463



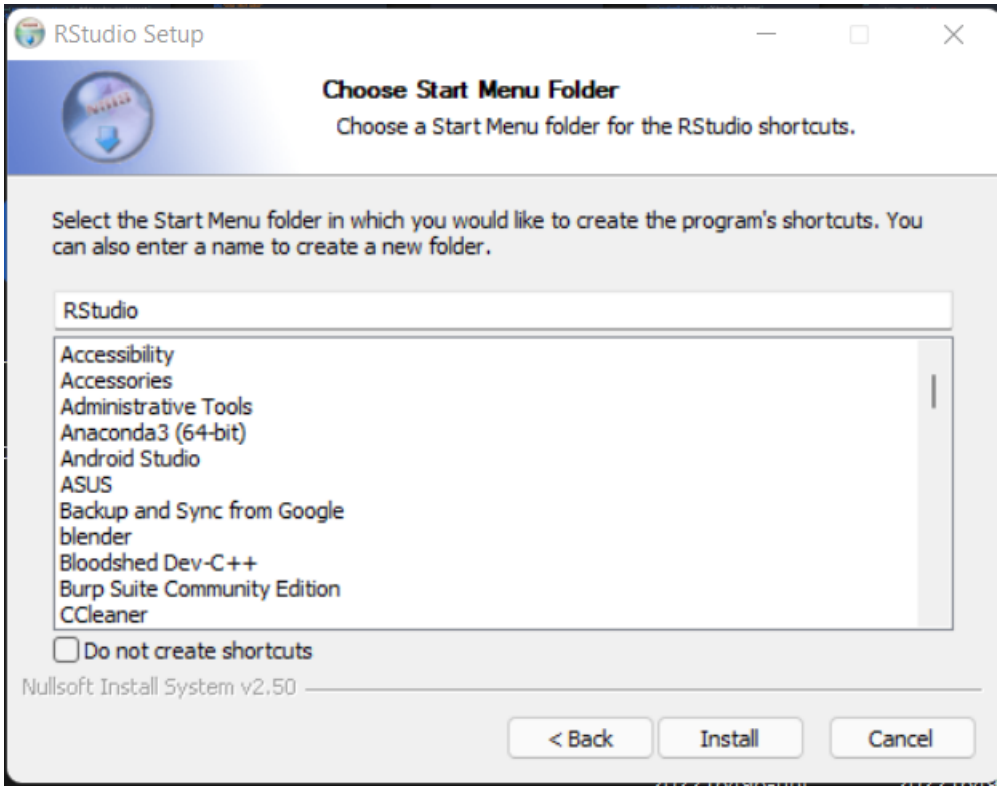
step 2:- open the setup and click next



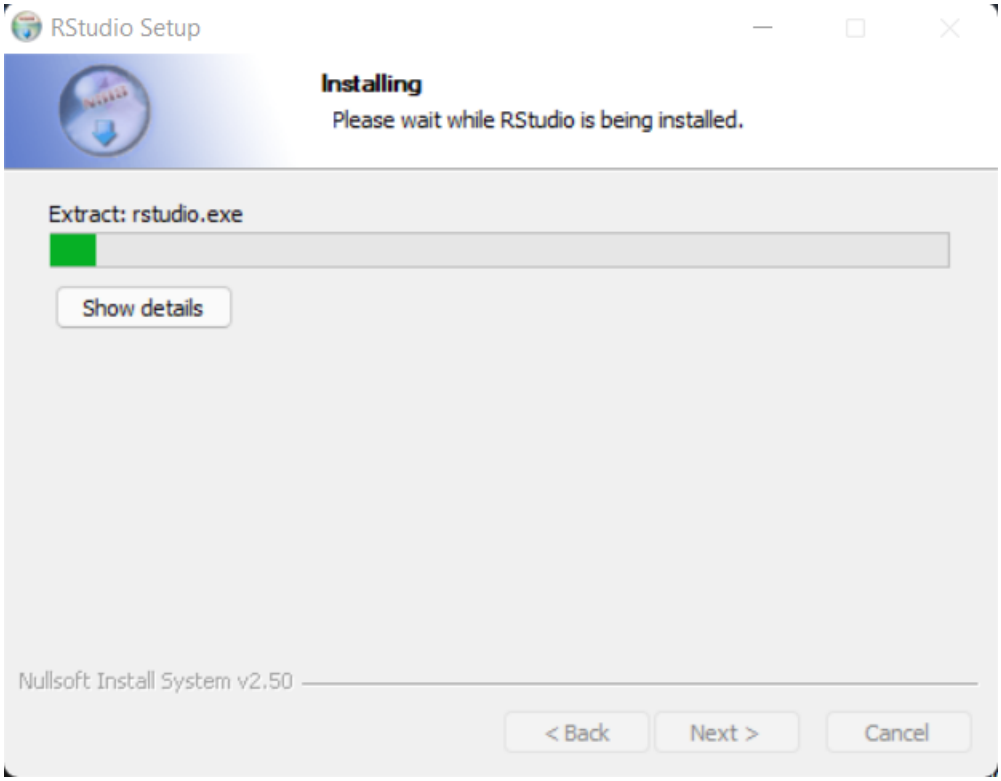
Step 3 :- set the destination folder location



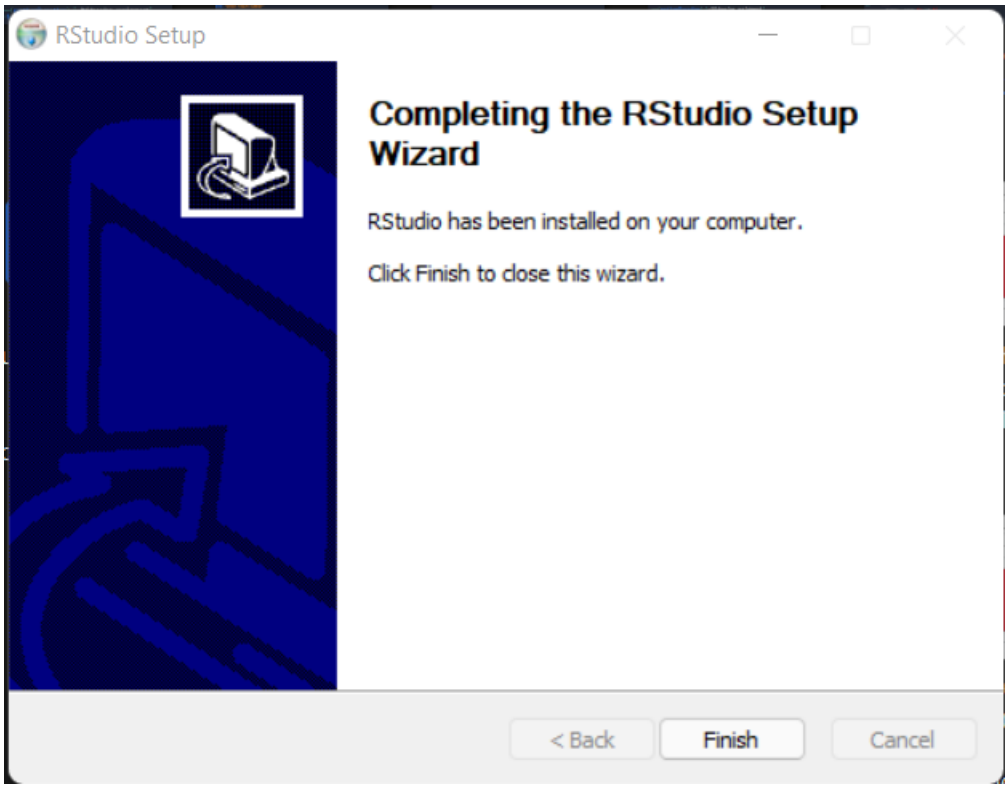
Step4:- select the start menu folder (Rstudio) click next



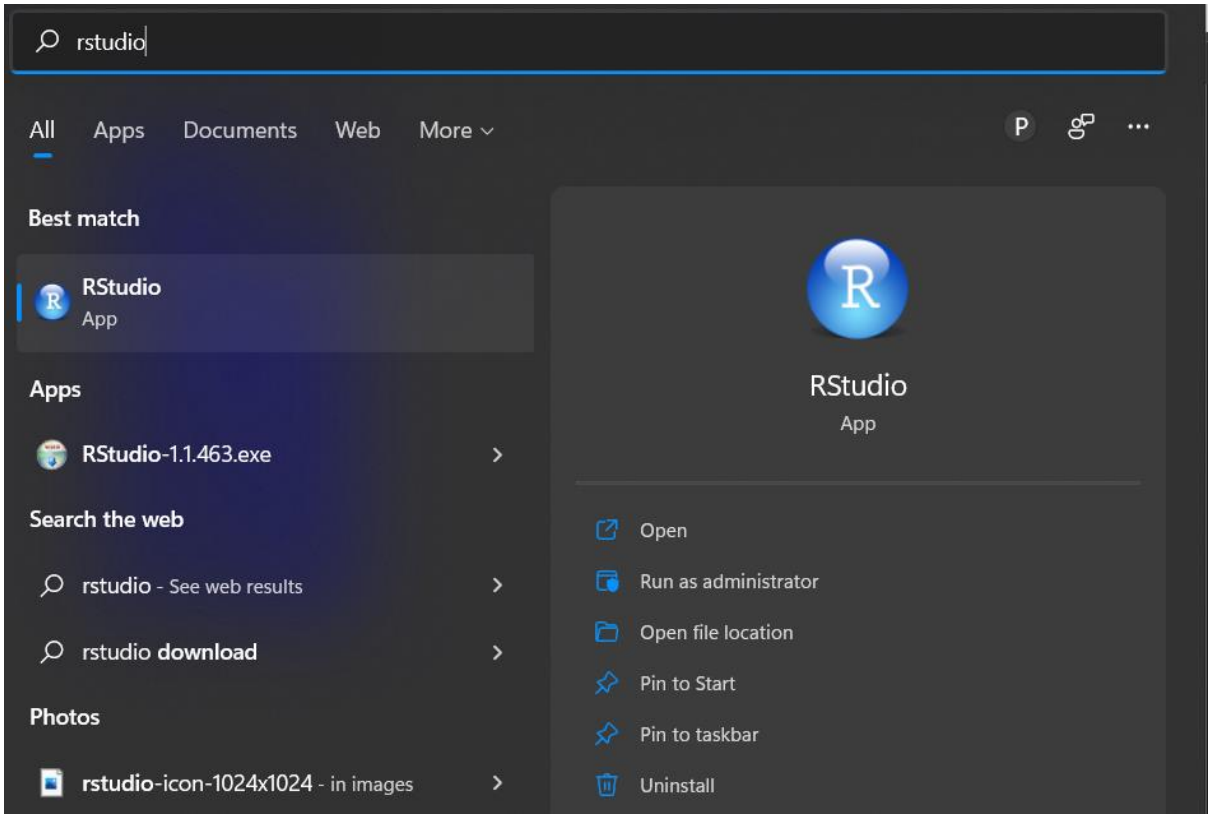
Step 5:- wait for the installation to complete



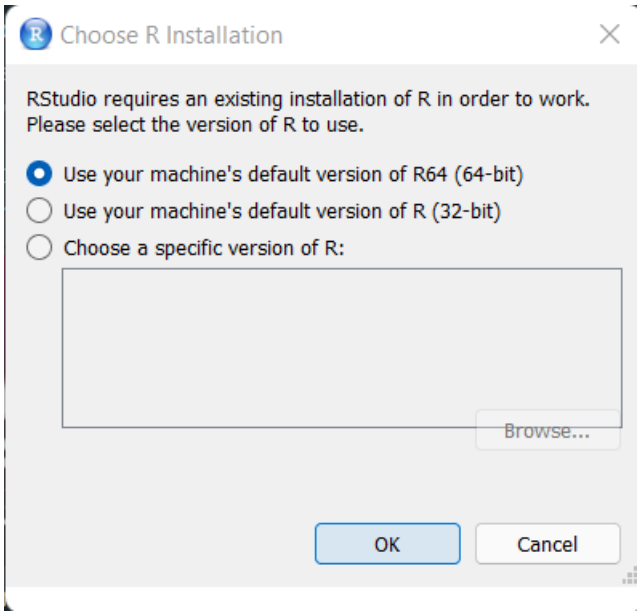
Step 6:- click finish



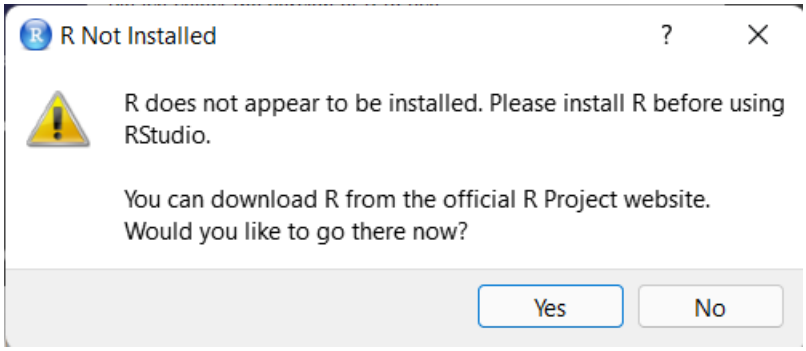
Step7 :- search for Rstudio and open it



Step 8:- choose R installation 64 or 32 bit version according to your system



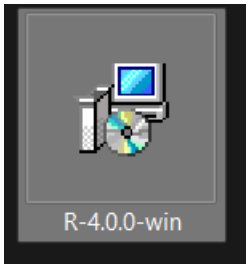
Step 9:- This pop up will show up if we not installed R before R studio



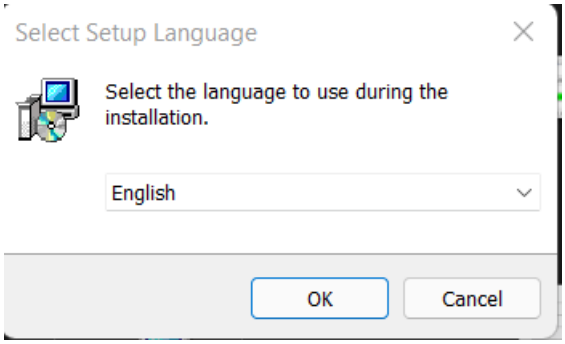
So click yes and install r using the the following steps

Step a)

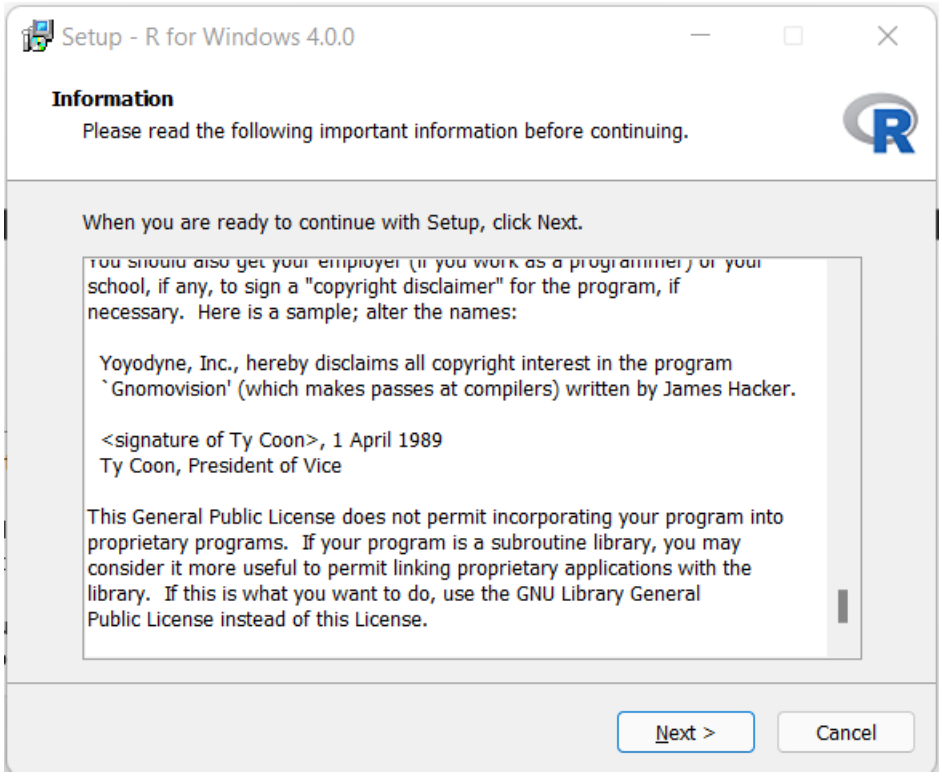
Download r-4.0.0-win



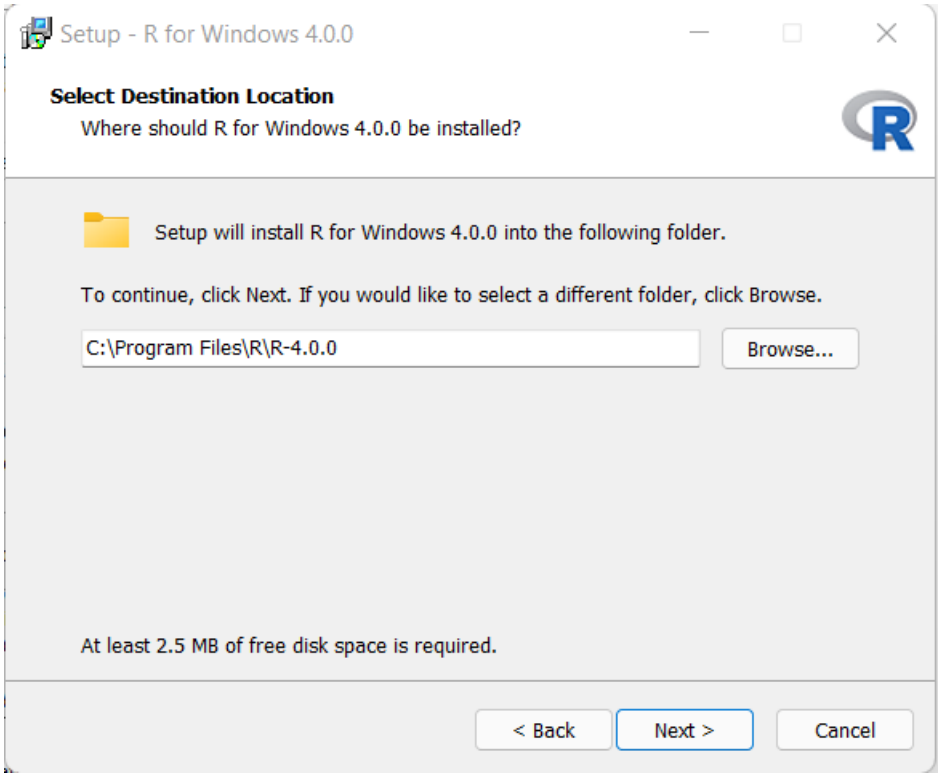
Set language



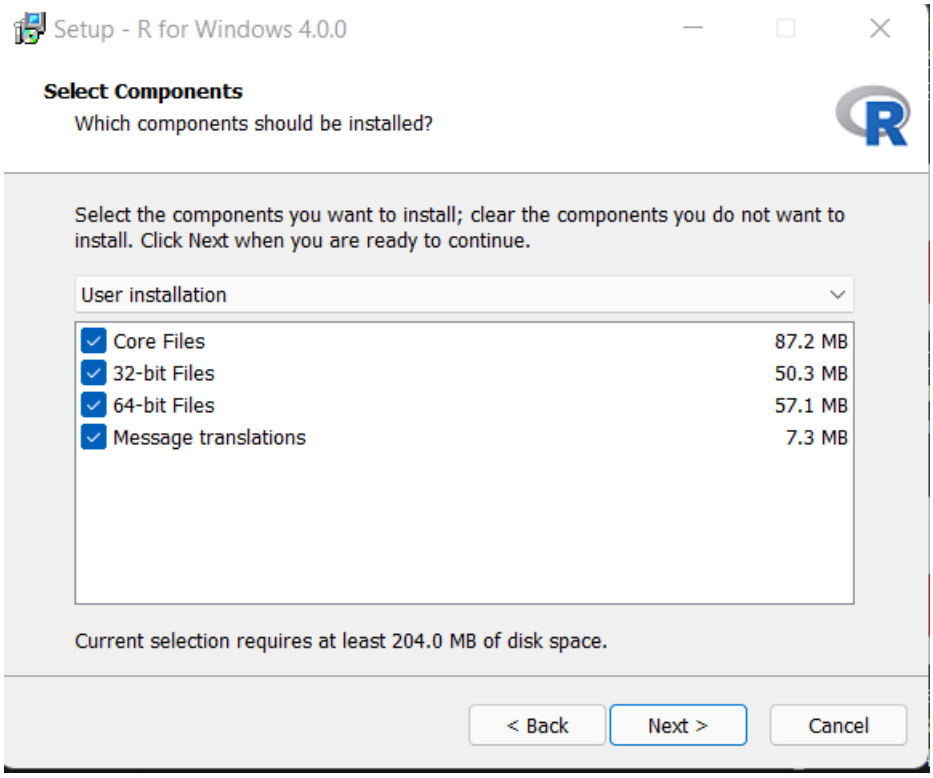
Click next



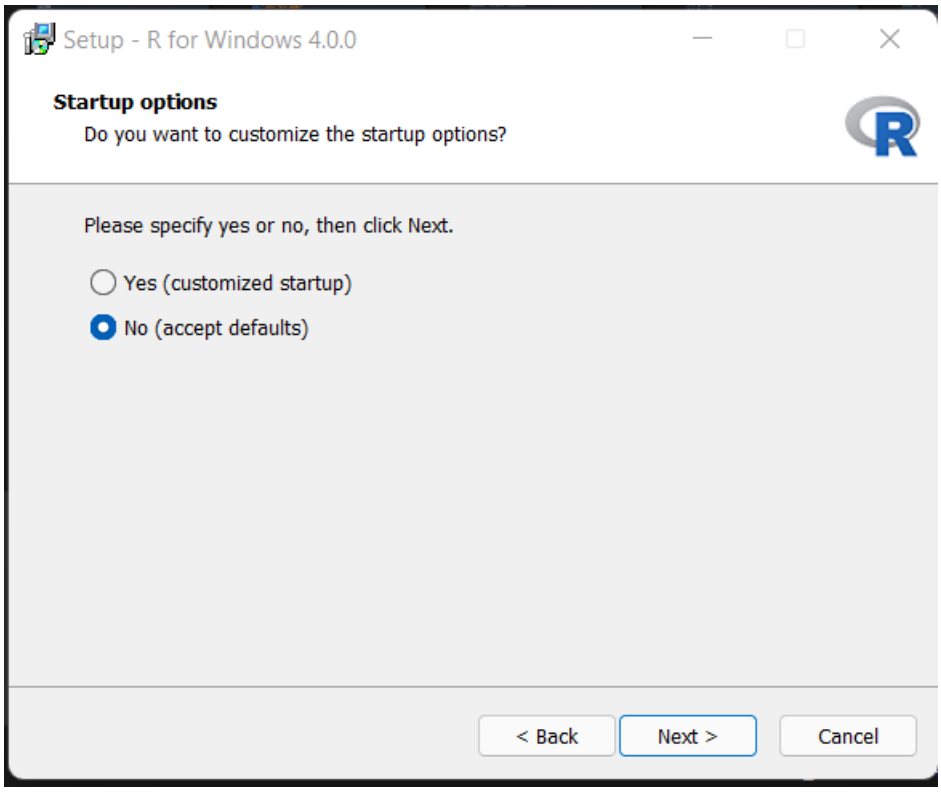
Select destination location



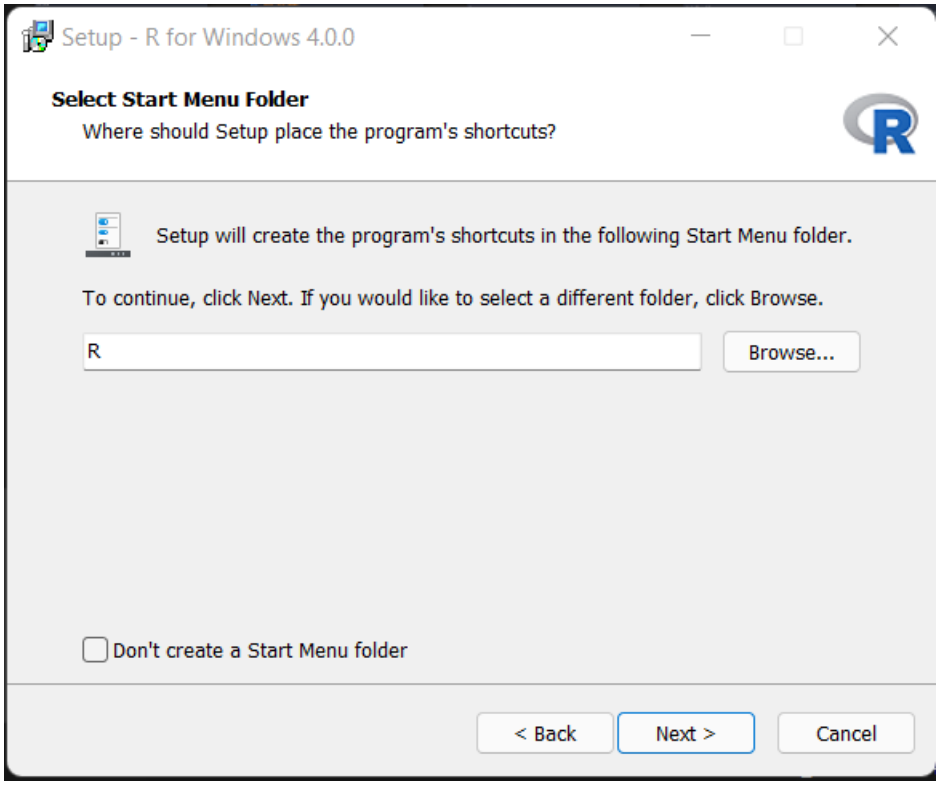
Select components and click next



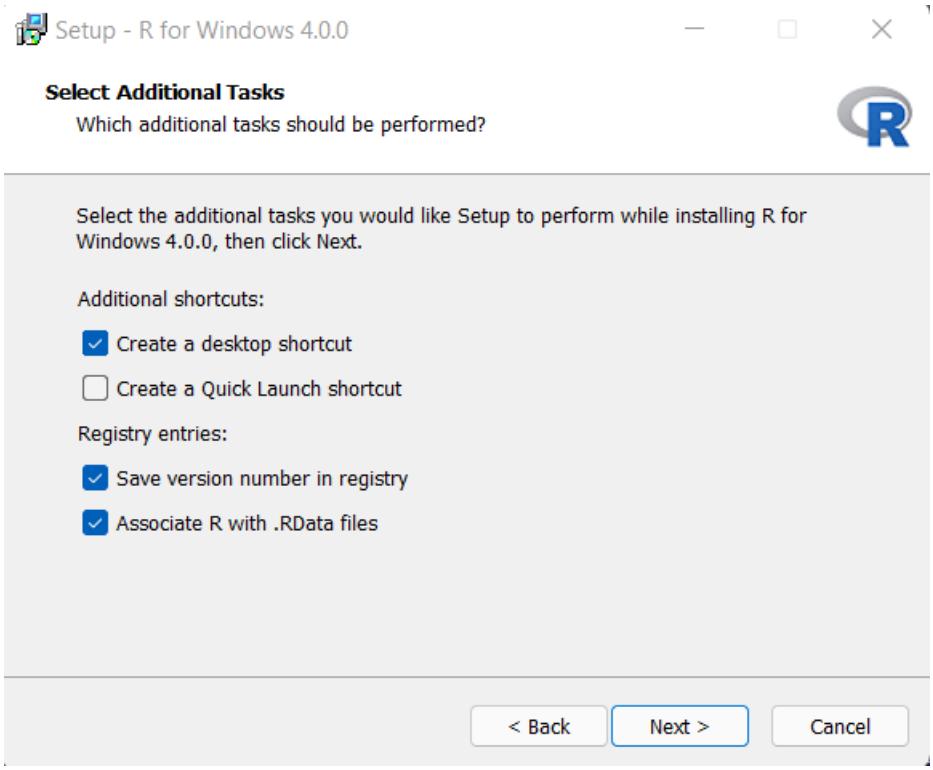
Select no and click next



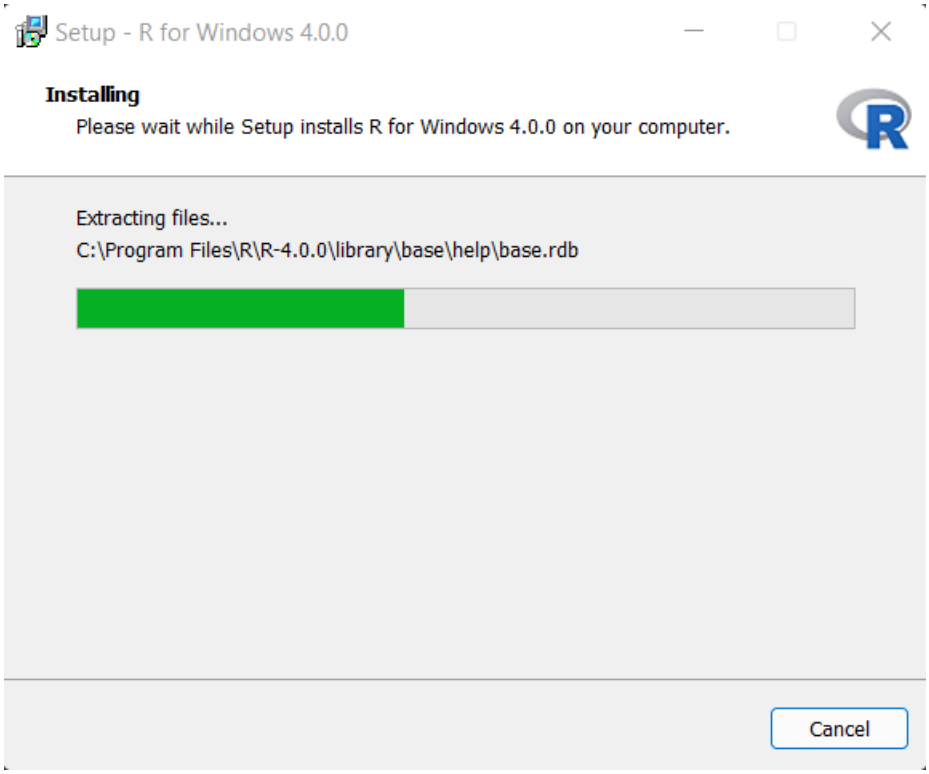
Select start menu folder and click next


Setup - R for Windows 4.0.0
Select Start Menu Folder
Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
R
Browse...
Don't create a Start Menu folder
< Back
Next >
Cancel

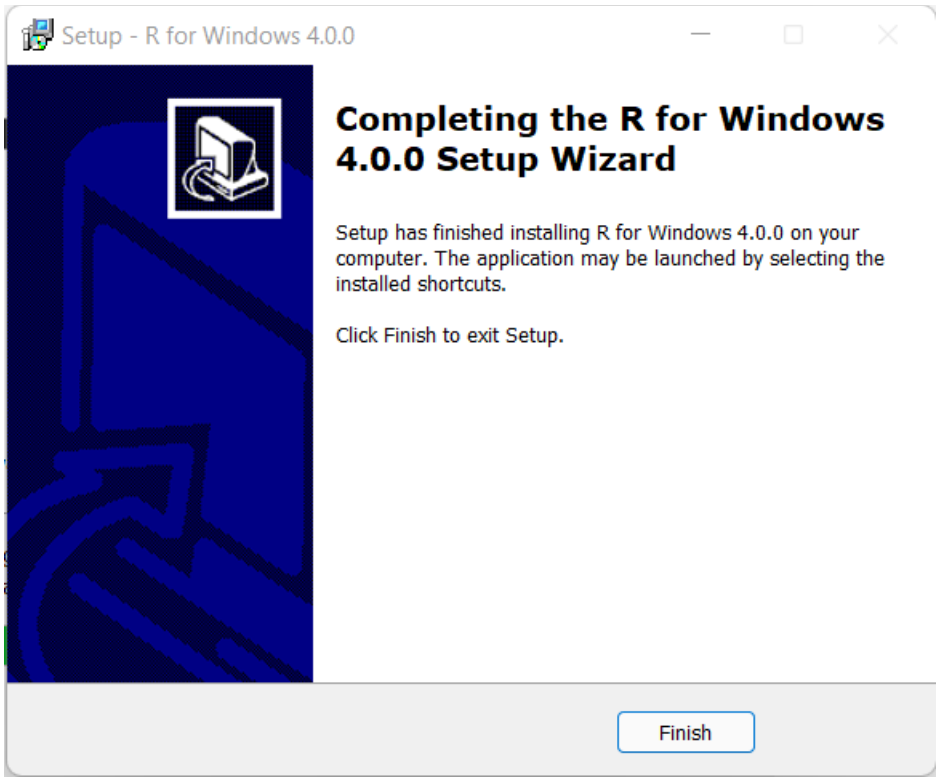
Click next


Setup - R for Windows 4.0.0
Select Additional Tasks
Which additional tasks should be performed?
Select the additional tasks you would like Setup to perform while installing R for Windows 4.0.0, then click Next.
Additional shortcuts:
Create a desktop shortcut
Create a Quick Launch shortcut
Registry entries:
Save version number in registry
Associate R with .RData files
< Back
Next >
Cancel

Wait for the installation to finish

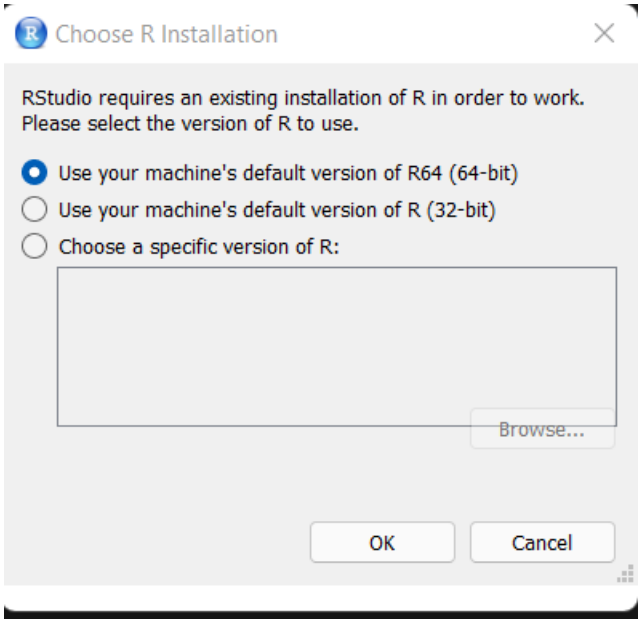


Click finish

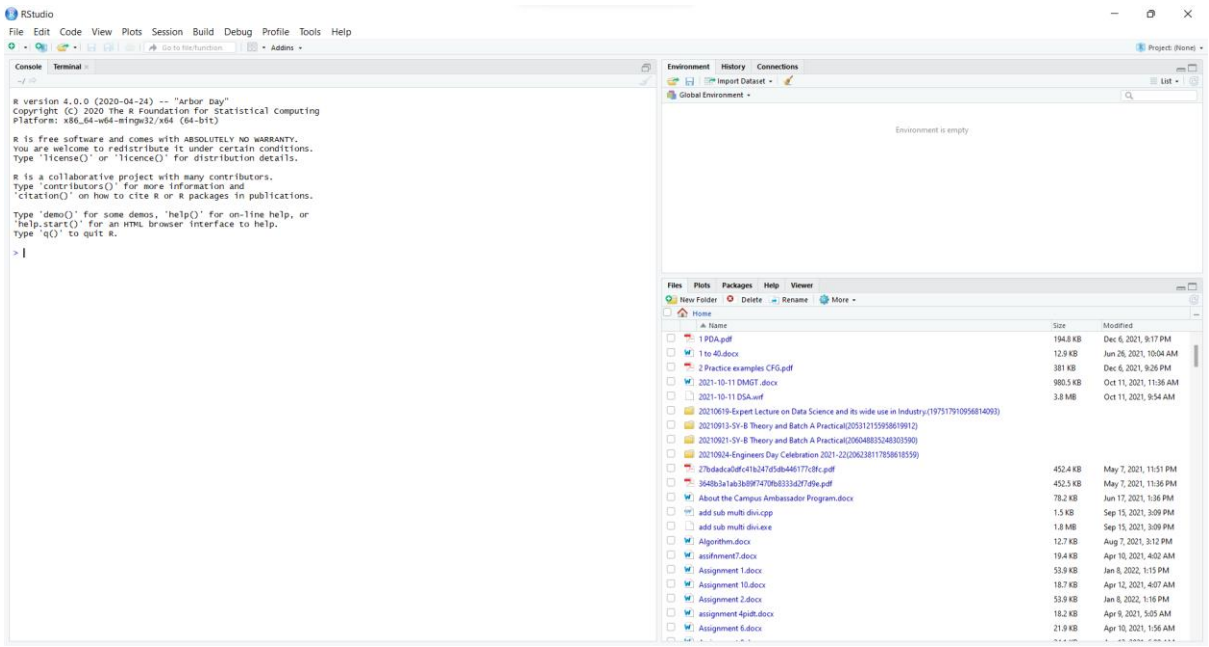


Step 10:-

Now come back on installing Rstudio and click on R64 and ok



Now the R and and Rstudio is successfully installed



Part 2 :- Write an R/Python program to take input from the user (name and age) and display the values. Also print the version of R installation

Program code :-

```
my.name <- readline(prompt="Enter name:")

my.age <- readline(prompt="Enter age:")

# convert character into integer

my.age <- as.integer(my.age)

print(paste("hi,",my.name,"your present age is:",my.age,"years old."))


R.version.string
```

Output :-