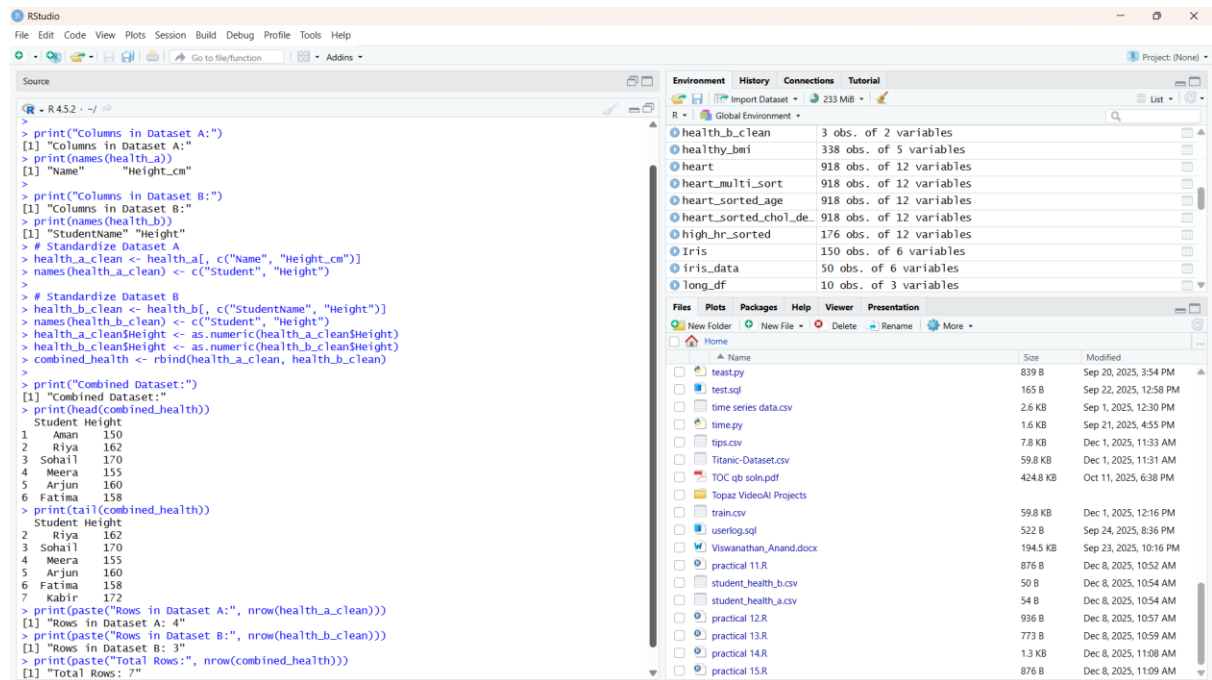


SHETH L.U.J AND SIR M.V. COLLEGE

PRACTICAL NO 12

AIM: Combining datasets vertically (concatenation) using rbind() (R).



```
R - R4.5.2 - ~/ -  
File Edit Code View Plots Session Build Debug Profile Tools Help  
Go to file/function Addins  
Source  
R  
> print("Columns in Dataset A:")  
[1] "Columns in Dataset A:"  
> print(names(health_a))  
[1] "Name" "Height_cm"  
>  
> print("Columns in Dataset B:")  
[1] "Columns in Dataset B:"  
> print(names(health_b))  
[1] "StudentName" "Height"  
> # Standardize Dataset A  
> health_a_clean <- health_a[, c("Name", "Height_cm")]  
> names(health_a_clean) <- c("Student", "Height")  
>  
> # Standardize Dataset B  
> health_b_clean <- health_b[, c("StudentName", "Height")]  
> names(health_b_clean) <- c("Student", "Height")  
> health_a_clean$Height <- as.numeric(health_a_clean$Height)  
> health_b_clean$Height <- as.numeric(health_b_clean$Height)  
> combined_health <- rbind(health_a_clean, health_b_clean)  
>  
> print("Combined Dataset:")  
[1] "Combined Dataset:"  
> print(head(combined_health))  
Student Height  
1 Aman 150  
2 Riya 162  
3 Sohaail 170  
4 Meera 155  
5 Arjun 160  
6 Fatima 158  
> print(tail(combined_health))  
Student Height  
2 Riya 162  
3 Sohaail 170  
4 Meera 155  
5 Arjun 160  
6 Fatima 158  
7 Kabir 172  
> print(paste("Rows in Dataset A:", nrow(health_a_clean)))  
[1] "Rows in Dataset A: 4"  
> print(paste("Rows in Dataset B:", nrow(health_b_clean)))  
[1] "Rows in Dataset B: 3"  
> print(paste("Total Rows:", nrow(combined_health)))  
[1] "Total Rows: 7"
```

Environment

Object	Class	Attributes
health_b_clean	data.frame	3 obs. of 2 variables
healthy_bmi	data.frame	338 obs. of 5 variables
heart	data.frame	918 obs. of 12 variables
heart_multi_sort	data.frame	918 obs. of 12 variables
heart_sorted_age	data.frame	918 obs. of 12 variables
heart_sorted_choi_de	data.frame	918 obs. of 12 variables
high_hr_sorted	data.frame	176 obs. of 12 variables
Iris	data.frame	150 obs. of 6 variables
iris_data	data.frame	50 obs. of 6 variables
long_df	data.frame	10 obs. of 3 variables

Files

Name	Size	Modified
test.py	839 B	Sep 20, 2025, 3:54 PM
test.sql	165 B	Sep 22, 2025, 12:58 PM
time series data.csv	2.6 KB	Sep 1, 2025, 12:30 PM
time.py	1.6 KB	Sep 21, 2025, 4:55 PM
tips.csv	7.8 KB	Dec 1, 2025, 11:33 AM
Titanic-Dataset.csv	59.8 KB	Dec 1, 2025, 11:31 AM
TOC qb soln.pdf	424.8 KB	Oct 11, 2025, 6:38 PM
Topaz VideoAI Projects		
train.csv	59.8 KB	Dec 1, 2025, 12:16 PM
userlog.sql	522 B	Sep 24, 2025, 8:36 PM
Viswanathan_Anand.docx	194.5 KB	Sep 23, 2025, 10:16 PM
practical 11.R	876 B	Dec 8, 2025, 10:52 AM
student_health_b.csv	50 B	Dec 8, 2025, 10:54 AM
student_health_a.csv	54 B	Dec 8, 2025, 10:54 AM
practical 12.R	936 B	Dec 8, 2025, 10:57 AM
practical 13.R	773 B	Dec 8, 2025, 10:59 AM
practical 14.R	1.3 KB	Dec 8, 2025, 11:08 AM
practical 15.R	876 B	Dec 8, 2025, 11:09 AM