

#IMPORT

getwd()

#Importing csv file.

```
path<-"C:/Users/Leena/OneDrive/Documents/candidate-elimination.csv"
```

```
content<-read.csv(path)
```

```
print(content)
```

#Importing Text file.

```
x<-read.table("C:/Users/Leena/OneDrive/Documents/file.txt",header=FALSE)
```

```
print(x)
```

#Importing CSV file using csv2.

```
x<-read.csv2("C:/Users/Leena/OneDrive/Documents/candidate-elimination.csv")
```

```
print(x)
```

OUTPUT

SKY TEMP HUMID WIND WATER FOREST OUTPUT

- 1 sunny warm normal strong warm same yes
- 2 sunny warm high strong warm same yes
- 3 rainy cold high strong warm change no
- 4 sunny warm high strong cool change yes

SKY.TEMP.HUMID.WIND.WATER.FOREST.OUTPUT

- 1 sunny,warm,normal,strong,warm,same,yes
- 2 sunny,warm,high,strong,warm,same,yes
- 3 rainy,cold,high,strong,warm,change,no
- 4 sunny,warm,high,strong,cool,change,yes

SKY.TEMP.HUMID.WIND.WATER.FOREST.OUTPUT

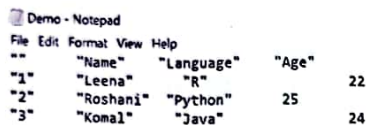
- 1 sunny,warm,normal,strong,warm,same,yes
- 2 sunny,warm,high,strong,warm,same,yes
- 3 rainy,cold,high,strong,warm,change,no
- 4 sunny,warm,high,strong,cool,change,yes

EXPORT

1).Export a data frame to a text file using write.table().

```
df=data.frame(  
  "Name"=c("Leena","Roshani","Komal"),  
  "Language"=c("R","Python","Java"),  
  "Age"=c(22,25,24)  
)  
write.table(df,  
  file="Demo.txt",  
  sep = "\t",  
  row.names = TRUE,  
  col.names = NA)
```

OUTPUT :

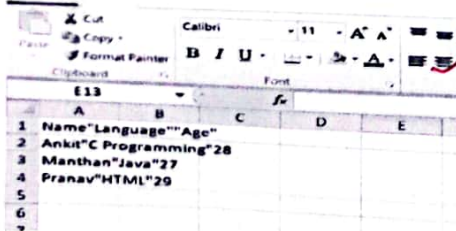


```
Demo - Notepad  
File Edit Format View Help  
"" "Name" "Language" "Age"  
"1" "Leena" "R" 22  
"2" "Roshani" "Python" 25  
"3" "Komal" "Java" 24
```

2).Exporting Data to a csv file.

```
df=data.frame(  
  "Name"=c("Ankit","Manthan","Pranav"),  
  "Language"=c("C Programming","Java","HTML"),  
  "Age"=c(28,27,29)  
)  
write.table(df,  
  file="myFile.csv",  
  sep = "\t",  
  row.names = FALSE)
```

OUTPUT :



	A	B	C	D	E
1	Name	Language	Age		
2	Ankit	C Programming	28		
3	Manthan	Java	27		
4	Pranav	HTML	29		
5					
6					

3)Exporting data to a csv2 file

```

library(readr)
df2=data.frame(
  "Name"=c("Swati","Anushka","Ashish","Kalpesh"),
  "Language"=c("R","Python","Java","PHP"),
  "Age"=c(22,25,45,23),
  "class"=c("SYMCA","SYMCA","FYMCA","FYMCA")
)
write_csv(df2,path="Demo2.csv")
write_csv2(df2,path="Demo3.csv")

```

OUTPUT

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POSSIBLE DATA LOSS Some features might be lost if you save this workbook in this format.

A1

	A	B	C	D	E	F	G
1	Name	Language	Age	class			
2	Swati	R	22	SYMCA			
3	Anushka	Python	25	SYMCA			
4	Ashish	Java	45	FYMCA			
5	Kalpesh	PHP	23	FYMCA			
6							
7							
8							

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POSSIBLE DATA LOSS Some features might be lost if you save this workbook in this format.

F5

	A	B	C	D	E	F
1	Name;Language;Age;class					
2	Swati;R;22;SYMCA					
3	Anushka;Python;25;SYMCA					
4	Ashish;Java;45;FYMCA					
5	Kalpesh;PHP;23;FYMCA					
6						
7						
8						

4)Exporting data using write_tsv()function

```

getwd()
#library(readr)

```

```
df2=data.frame(  
  "Name"=c("Swati","Anushka","Ashish","Kalpesh"),  
  "Language"=c("R","Python","Java","PHP"),  
  "Age"=c(22,25,45,23),  
  "class"=c("SYMCA","SYMCA","FYMCA","FYMCA")  
)  
write_tsv(df2,path="pract5.txt")
```

OUTPUT

*pract5.txt - Notepad

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<i>Name</i>	<i>Language</i>	<i>Age</i>	<i>class</i>
Swati	R	22	SYMCA
Anushka	Python	25	SYMCA
Ashish	Java	45	FYMCA
Kalpesh	PHP	23	FYMCA