

## ITDS Prac 8

The image displays two screenshots of the RStudio environment, illustrating the process of creating and printing a dataset.

**Top Screenshot:** The R script editor shows the creation of a dataset named `student_data`. The code defines columns for `ID`, `Name`, `Age`, `Gender`, `Department`, and `Marks`. The `print(student_data)` command is used to display the dataset.

**Bottom Screenshot:** The R script editor shows the same dataset being printed. The `print(student_data)` command is used to display the dataset.

**Environment Panel:** The Environment panel on the right shows the variables in the current environment. The `student_data` variable is listed with its structure: a data frame with 10 rows and 6 columns.

**Console:** The Console panel at the bottom shows the output of the `print(student_data)` command, displaying the dataset as a table.

| ID | Name  | Age | Gender | Department | Marks |
|----|-------|-----|--------|------------|-------|
| 1  | Aman  | 20  | Male   | CS         | 85    |
| 2  | Riya  | 19  | Female | IT         | 90    |
| 3  | Sahil | 21  | Male   | ECE        | 78    |
| 4  | Priya | 20  | Female | CS         | 88    |
| 5  | Karan | 22  | Male   | IT         | 92    |
| 6  | Meena | 19  | Female | ECE        | 80    |
| 7  | Vikas | 21  | Male   | CS         | 75    |
| 8  | Neha  | 20  | Female | IT         | 95    |
| 9  | Rohit | 22  | Male   | ECE        | 70    |
| 10 | Pooja | 19  | Female | CS         | 89    |

