Question: Import employees.csv file and perform following -

1. Extract only following columns "Name", "Age", "Salary", "isLocal" into dataframe "employee_subset"
2. Rename the following columns ""Name", "Age", "Designation", "Salary", "isLocal" from employee_subset dataframe
3. Check if a value is missing in employee_subset
4. Calculate the mean of Age and Salary column in employee_subset
5. Replace missing values by mean of that variable/column

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i Use the conflicted package to force all conflicts to become errors
> library(xlsx)
> # Task 1: Extract specific columns into dataframe "employee_subset"
> employee <- read.csv("employees.csv")
> employee_subset <- employee[, c("Name", "Age", "Salary", "isLocal")]
>
> # Task 2: Rename specific columns in "employee_subset" dataframe
> colnames(employee_subset) <- c("EmployeeName", "EmployeeAge", "EmployeeSalary", "IsLocal")
>
> # Task 3: Check for missing values in "employee_subset"
> missing_values <- colSums(is.na(employee_subset))
> cat("Missing values in employee_subset:\n")
Missing values in employee_subset:
> print(missing_values)
  EmployeeName    EmployeeAge EmployeeSalary        IsLocal
             0              0              0              0
>
> # Task 4: Calculate the mean of Age and Salary columns
> mean_age <- mean(employee_subset$EmployeeAge, na.rm = TRUE)
> mean_salary <- mean(employee_subset$EmployeeSalary, na.rm = TRUE)
> cat("\nMean Age:", mean_age, "\n")

Mean Age: 30
> cat("Mean Salary:", mean_salary, "\n")
Mean Salary: 70000
>
> # Task 5: Replace missing values with the mean of the respective column
> employee_subset$EmployeeAge[is.na(employee_subset$EmployeeAge)] <- mean_age
> employee_subset$EmployeeSalary[is.na(employee_subset$EmployeeSalary)] <- mean_salary
>
> # Display the updated dataframe
> cat("\nUpdated employee_subset dataframe:\n")

Updated employee_subset dataframe:
> print(employee_subset)
    EmployeeName EmployeeAge EmployeeSalary IsLocal
1       John Doe          30          70000    TRUE
2     Jane Smith          25          60000   FALSE
3    Bob Johnson          35          80000    TRUE
4 Alice Williams          28          65000   FALSE
5   Eve Anderson          32          75000    TRUE
>
```