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- 31)

 We push without pulling our teammate's changes

 bit will reject our push due too diverging histories

 so for rasolving this we can use get pull-rebose ofter

 this we can push again get push.
 - b) git add.
 - c) get checkout testing
 - d) git roset -- Soft Head ~1
 - d) git reset -- Soft HEAD ~ 1

```
82)
    head -n 5 dota. txt
      Sed 'S/HTML/CSS/g' input-txt
     Sed -n's110p' report tot
  2)
      #! | bin/bash
        if C-f "$1"]; then
            WC-1< "$1"
         else echo "File not found!"
          fi
  93)
         SELECT name, Salary
  a)
         FROM employees
         WHERE department = Engineering! AND Salvey > 50000;
  6)
       SELECT department, AVG (Salory) AS avy_Salory
       FROM employees
        GROUP $ BY deportment
       ORDER BY avg-Salary DESC;
        db. employees. applate one (
          of name: " John Doe" },
           { $ inc: { Salory: (0000) }
```

- d) db. orders. aggregate ([

 { \$ motch: { status: "delivered" } },

 { \$ group: { -id: null, total Revenue: (\$ Sum: "\$ total-price" }}

 });
- (34) a' Append mode: adds data to the end of the file without eving content.
 - 'x' Exclusive creation: creates a new file and raises an error if the file already exists.
 - b' Binory mode: Opens the file in binory format for reading Mriting bytes.
 - 't'- Text mode: Opens the file in text format (default mode for string data).
 - b) Msing readlines () is inefficient for large files because it loads the entire file into memory at once, Which can cause high memory usage or erashes if the file is very large.

More efficient method.

with open ("lorge-file txt") as file:
fore line in file:

process (line)

```
95)
AH a) A. ndim = 2
A. Size = 4x5=20
```

A [::-1,::2]

[::-1] reverse the rows (flips the matrix Vertically)
[::-2] Selects every Second column (o,2nd, 4th columns)

array ([[0.19,0.13,0.71], [0.91,0.64,0.55], [0.43,0.67,0.24], [0.25,0.98,0.72]]

c) fig, axs = plt. Subplots (2,2)

axs [0,0]. plot ([1,2,3], [44,9])
ons [0,0]. Set_title ("line plot")

axs [0,1] plate Scotter ([1,213], [3,5,2])
axs [0,1] set-title ("Scatter plat")

ans [1,0]. bor (CA', B', C1], [5,2,7])
ans [1,0]. set title. CuBor plot'j

axs [1,1]. hist [[1,2,2,3,3,3,3])

9 xs [1,1]. Set tille ("Histogram")

plt. tight_layout()

plt. show()

```
96)
       "post"
       min = 11,8"
            Lef = "https://sports.iiit.acoin" larget = "blank")
       center;
       100 VW;
97)
       let - block-scoped, reassignable
               e.g.: let count=5;
count=10; 11 valid
              block - Scoped, not reassignable
                 e-g: const PI = 3:14;
                          PJ = 3.14159; 11 Error: Assignment to
Contont bright
    Vor: - function-soped reasignable
            eg: Vor name: "Alice";
                        name = Bob"; 11 Valid
        add Event Listener
```

b) add Event Listener

groby settlest dio Rox or

Style; background color

1/2