🛠 What This Script Does

- ✅ Creates a repository with **separate branches** for each functionality
- ✅ `PRIME` branch contains only `prime_number.py`
- ✅ `FIBO` branch contains only `fibonacci_number.py`
- ✅ `main` branch contains only `main.py` but lacks the required imports
- ✅ Simulates **"team mistakes"** by logging missing files in `main`

🚀 Student's Mission

1. Create the repository from the script

```
chmod +x E2_repository.sh
./E2_repository.sh
```

2. Investigate the branch structure:

```
git branch -a
```

3. Find where the missing files are:

```
git checkout PRIME
ls  # prime_number.py should be here
```

```
git checkout FIBO
ls  # fibonacci_number.py should be here
```

4. Merge the missing files into main:

No hints for this one go figure this one out yourself 😀

5. Fix `main.py` to integrate both files:

Open `main.py` and modify it to include both functions:

```
import csv
from prime_number import get_prime_numbers
from fibonacci_number import get_fibonacci_numbers
```

```
# Read numbers from CSV
with open("numbers.csv", newline='') as csvfile:
    numbers = [int(num.strip()) for num in csvfile.read().split(",")]

primes = get_prime_numbers(numbers)
fibonacci = get_fibonacci_numbers(numbers)

print("Prime Numbers:", primes)
print("Fibonacci Numbers:", fibonacci)
```

6. Commit and push the final solution:

You can do this yourself 😀

What Students Learn

- ✅ Branch navigation (`git checkout`, `git branch -a`)
- ✅ Finding missing files in Git branches
- ✅ Merging branches properly (`git merge`)
- ✅ Integrating functions from different branches into a working `main.py`
- ✅ Real-world Git teamwork problem solving