

```
#!/bin/bash
```

```
# Function to count files
```

```
count_files() {  
    echo $(ls -1 | wc -l)  
}
```

```
# Main game loop
```

```
main() {  
    local correct_number=$(count_files)  
    local guess=-1  
  
    echo "Welcome to the Guessing Game!"  
    echo "How many files are in the current directory?"  
  
    while [ $guess -ne $correct_number ]; do  
        read -p "Please enter your guess: " guess  
  
        if [ $guess -lt $correct_number ]; then  
            echo "Too low! Try again."  
        elif [ $guess -gt $correct_number ]; then  
            echo "Too high! Try again."  
        else  
            echo "Congratulations! You guessed the correct number of files."  
        fi  
    done  
}
```

```
Main
```

```
README.md: guessinggame.sh
```

```
echo "# Guessing Game" > README.md
```

```
echo "Date and time: $(shell date)" >> README.md
```

```
echo "Number of lines of code: $(shell wc -l < guessinggame.sh)" >> README.md
```

```
.PHONY: clean
```

```
clean:
```

```
    rm -f README.md
```

```
git init
```

```
git add guessinggame.sh Makefile
```

```
git commit -m "Initial commit"
```