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imrit@Devil MINGW64 /p/imRitik/DU_MCA/Semester-I/Software Tools & Techniques (main)
● $ ls -l john_1234.sh
-rwxr-xr-x 1 imrit 197609 1158 Oct 16 23:07 john_1234.sh*

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○ $
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imrit@Devil MINGW64 /p/imRitik/DU_MCA/Semester-I/Software Tools & Techniques (main)
● $ head -n 20 john_1234.sh
#!/bin/bash

# Function to validate roll number
validate_roll() {
    local roll=$1
    if [[ ! "$roll" =~ ^[0-9]+$ ]]; then
        echo "ERROR: Roll number must be numeric" >&2
        exit 2
    fi
}

# Function to get first 4 letters of name (lowercase, padded with underscores)
get_first_four() {
    local name=$1
    local first_four=$(echo "$name" | head -c 4 | tr '[:upper:]' '[:lower:]')
    local length=${#first_four}

    # Pad with underscores if less than 4 characters
    while [ $length -lt 4 ]; do
        first_four="${first_four}_ "
    done
}

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imrit@Devil MINGW64 /p/imRitik/DU_MCA/Semester-I/Software Tools & Techniques (main)
● $ bash -n john_1234.sh

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imrit@Devil MINGW64 /p/imRitik/DU_MCA/Semester-I/Software Tools & Techniques (main)
● $ bash -n john_1234.sh

imrit@Devil MINGW64 /p/imRitik/DU_MCA/Semester-I/Software Tools & Techniques (main)
● $ ./john_1234.sh "John Doe" "1234"
Student: John Doe
Roll: 1234

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○ $
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Roll: 1234

imrit@Devil MINGW64 /p/imRitik/DU_MCA/Semester-I/Software Tools & Techniques (main)

- \$./john_1234.sh
Enter name: Ritik
Enter roll number: 70
Student: Ritik
Roll: 70

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- \$

imrit@Devil MINGW64 /p/imRitik/DU_MCA/Semester-I/Software Tools & Techniques (main)

- \$ bash -n john_1234.sh

imrit@Devil MINGW64 /p/imRitik/DU_MCA/Semester-I/Software Tools & Techniques (main)

- \$./john_1234.sh "John Doe" "1234"
Student: John Doe
Roll: 1234

imrit@Devil MINGW64 /p/imRitik/DU_MCA/Semester-I/Software Tools & Techniques (main)

- \$./john_1234.sh
Enter name: Ritik
Enter roll number: 70
Student: Ritik
Roll: 70

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- ⊗ \$./john_1234.sh "John Doe" "abc123"
ERROR: Roll number must be numeric

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