AYUSH RAWAT MCA (1st Sem) B STD-ID 22391138

**PROBLEM STATEMENT:**

Write a BASH shell script to find the factorial of a given number.

**OBJECTIVE:**

To find the factorial of a given number.

**SHELL SCRIPT:**

echo "Shell script to find the factorial of a given number."

echo "Enter a positive integer: "

read n

let f=1

for ((i = 2; i <= n; i++)); do

f=$(($f \* $i))

done

echo "The factorial of $n is $f."