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

**PROBLEM STATEMENT:**

Write a BASH shell script to check that the given number is prime or not.

**OBJECTIVE:**

To check that the given number is prime or not.

**SHELL SCRIPT:**

echo "Shell script to check that the given number is prime or not."

echo "Enter a positive integer: "

read n

if [[ $n -eq 0 || $n -eq 1 ]]; then

echo "The number $n is NOT prime."

exit

fi

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

if [[ $(($n % $i)) -eq 0 ]]; then

echo "The number $n is NOT prime."

exit

fi

done

echo "The number $n is prime."