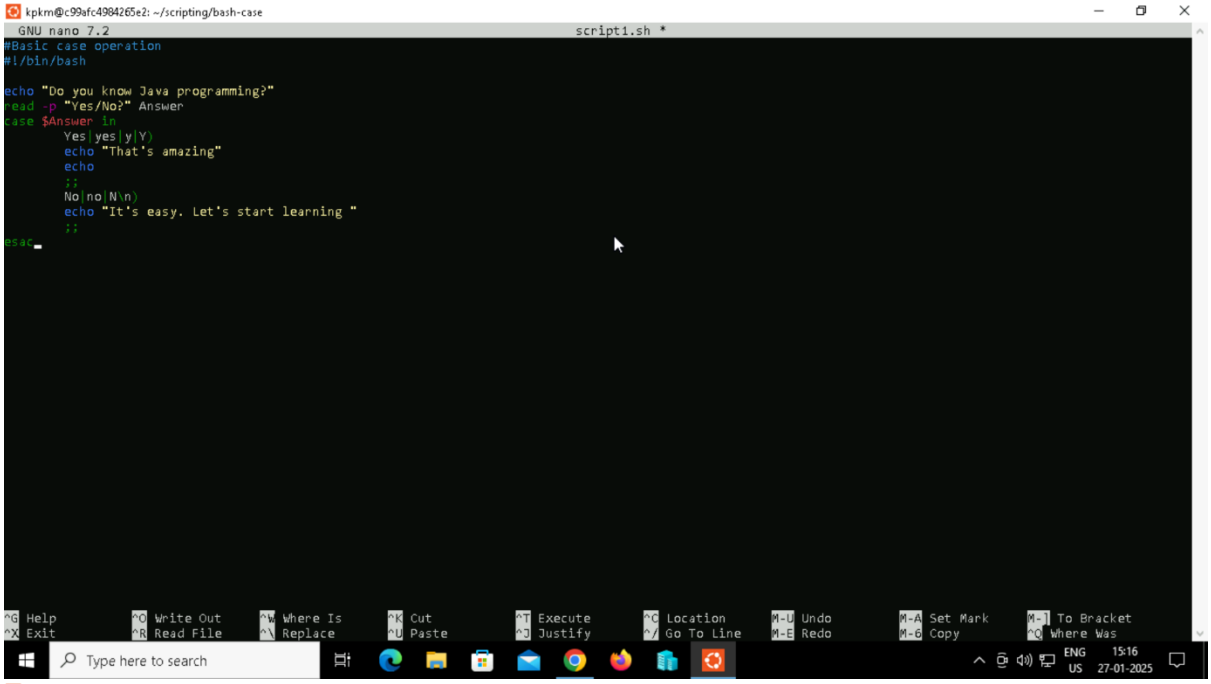
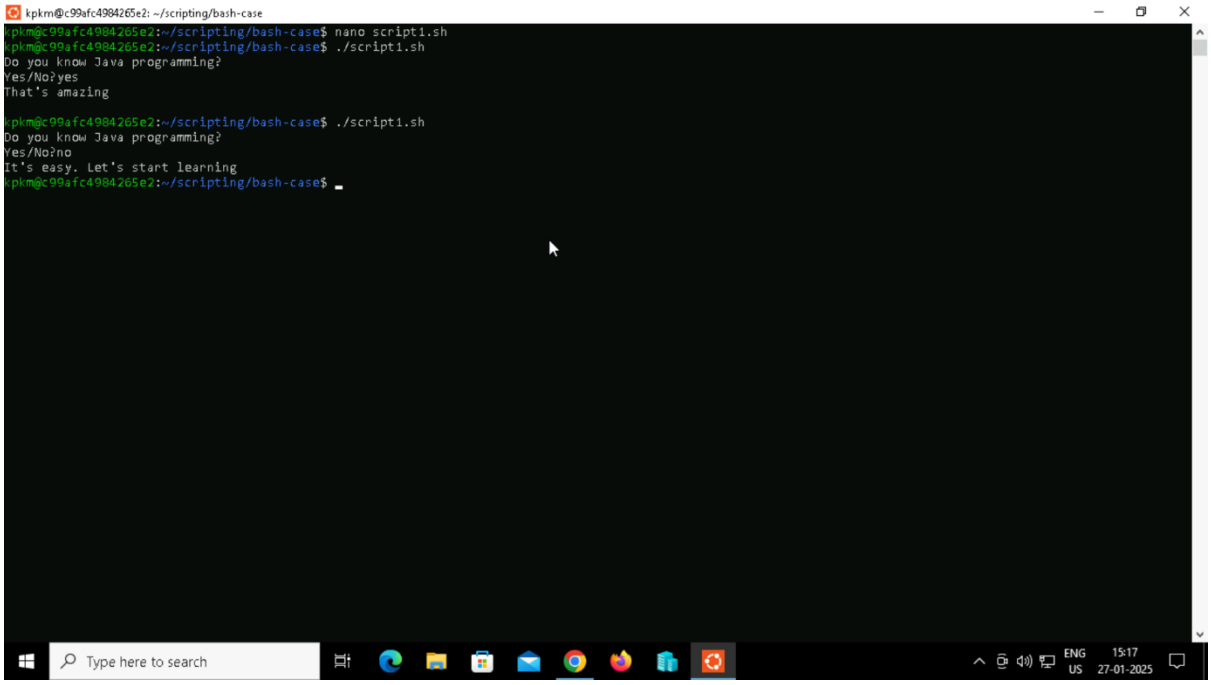
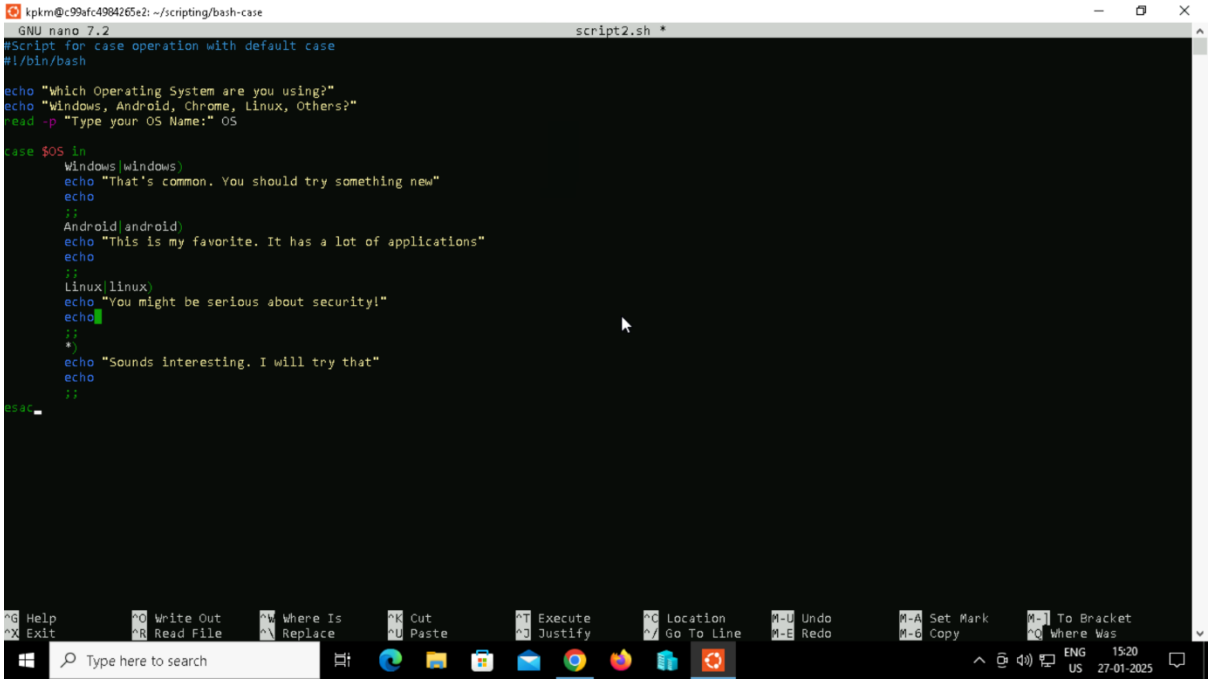
BASH Case

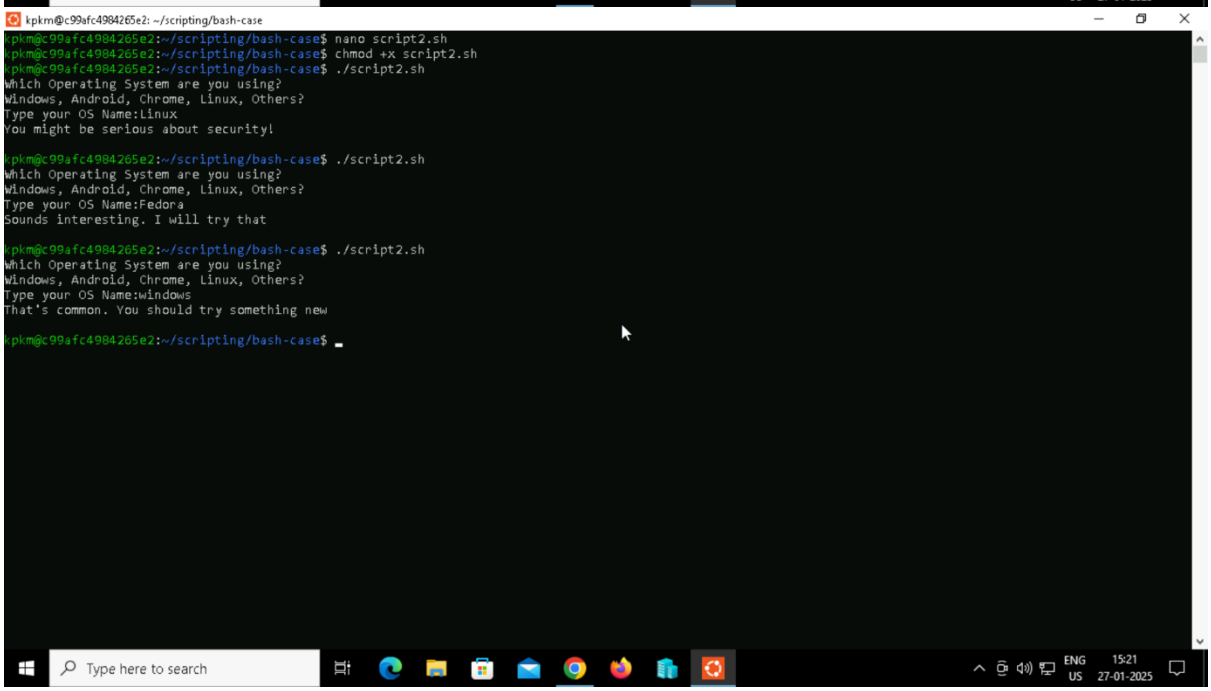
Q. Basic Case operation





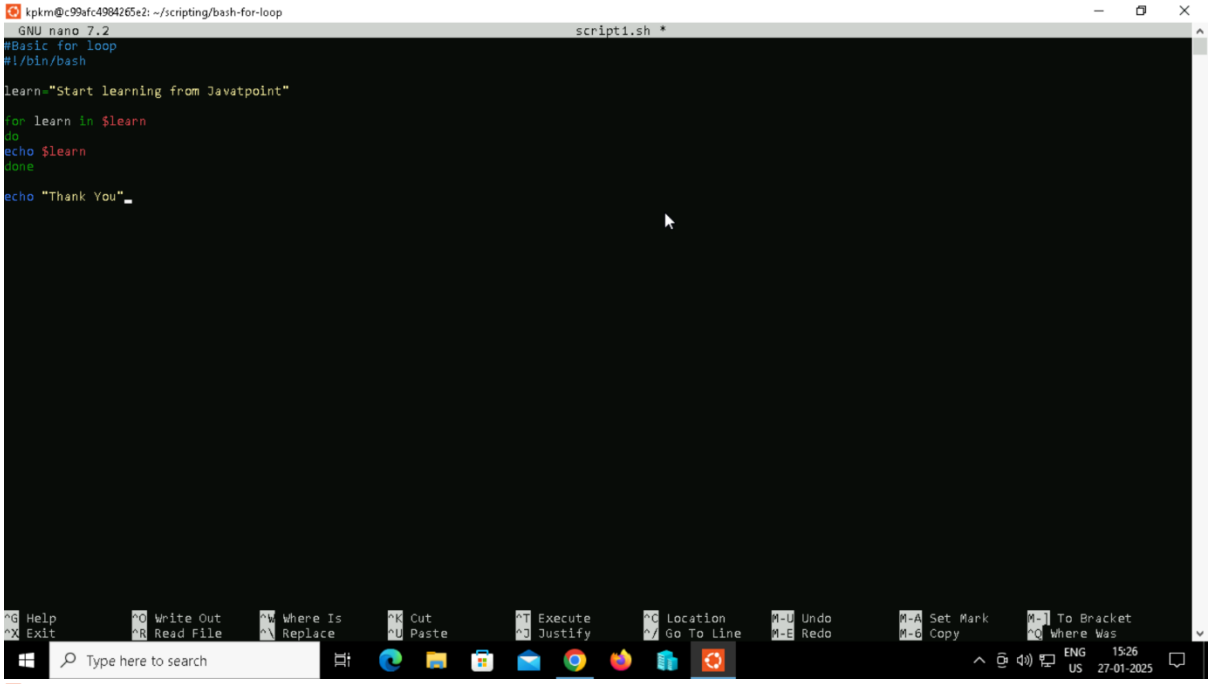
Q. Case operation with default case

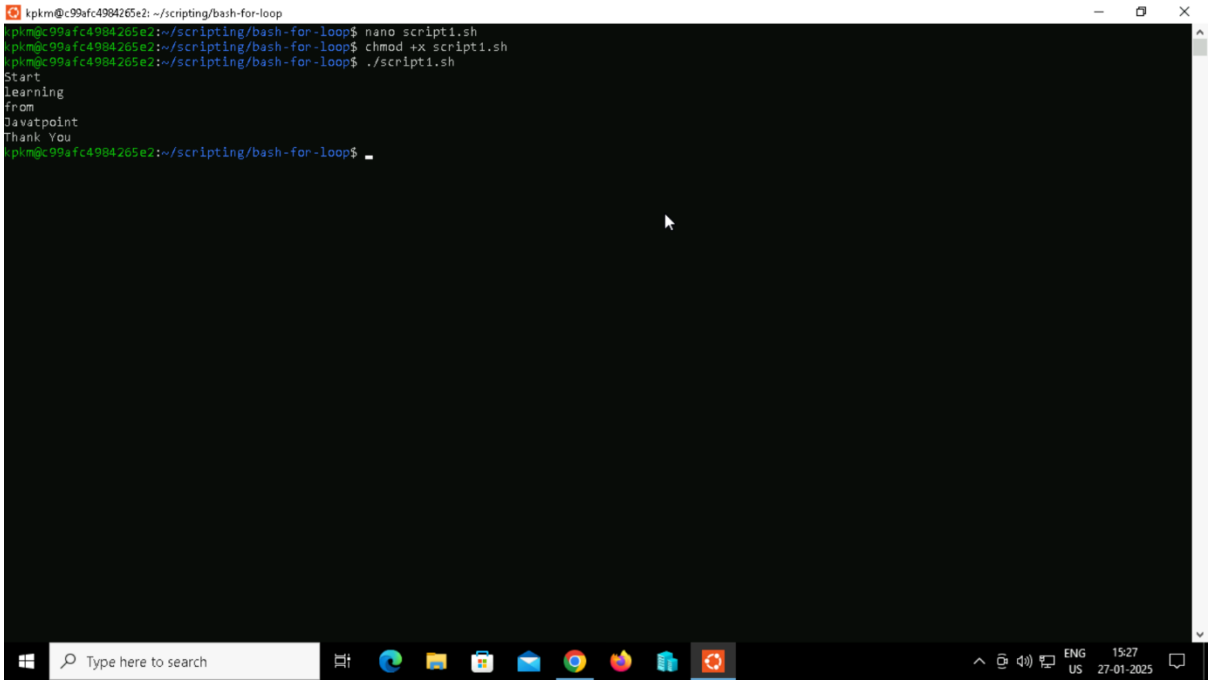




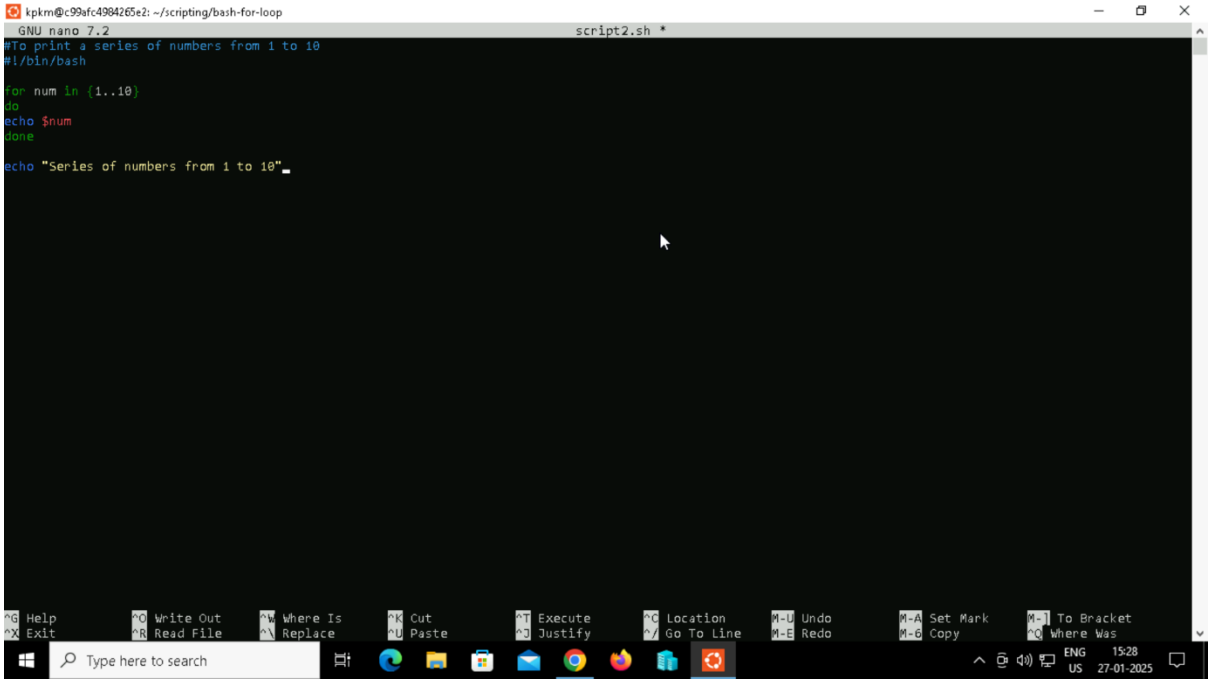
BASH For Loop

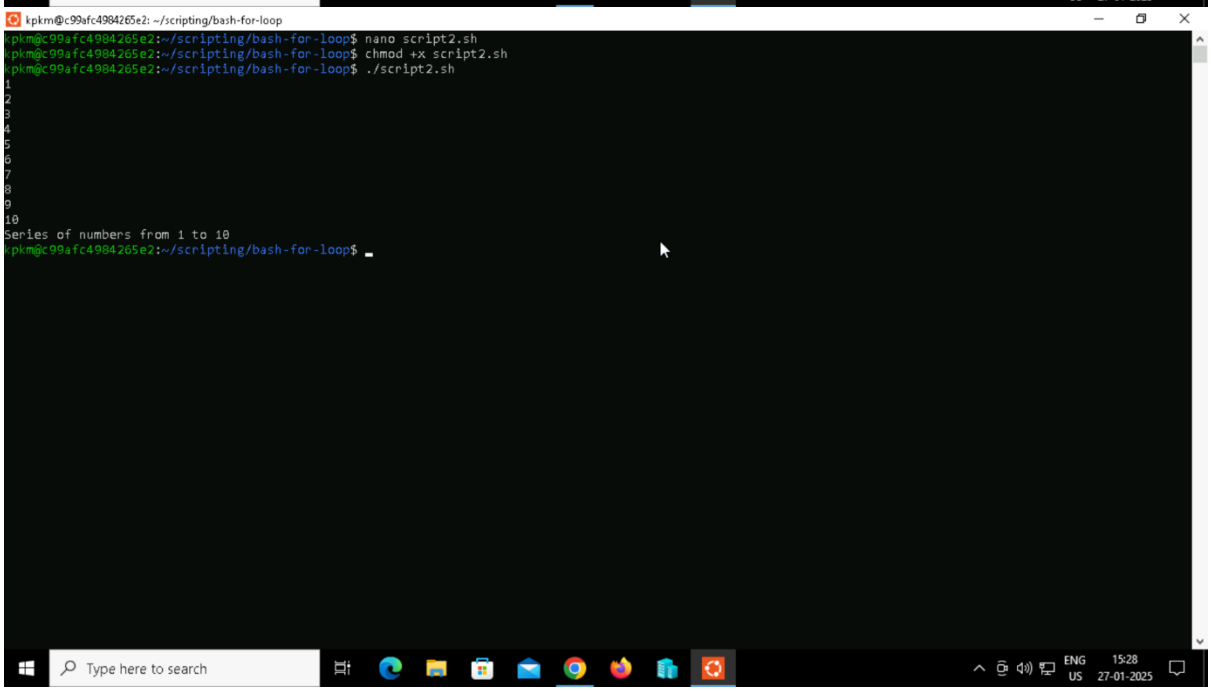
Q. Basic for loop



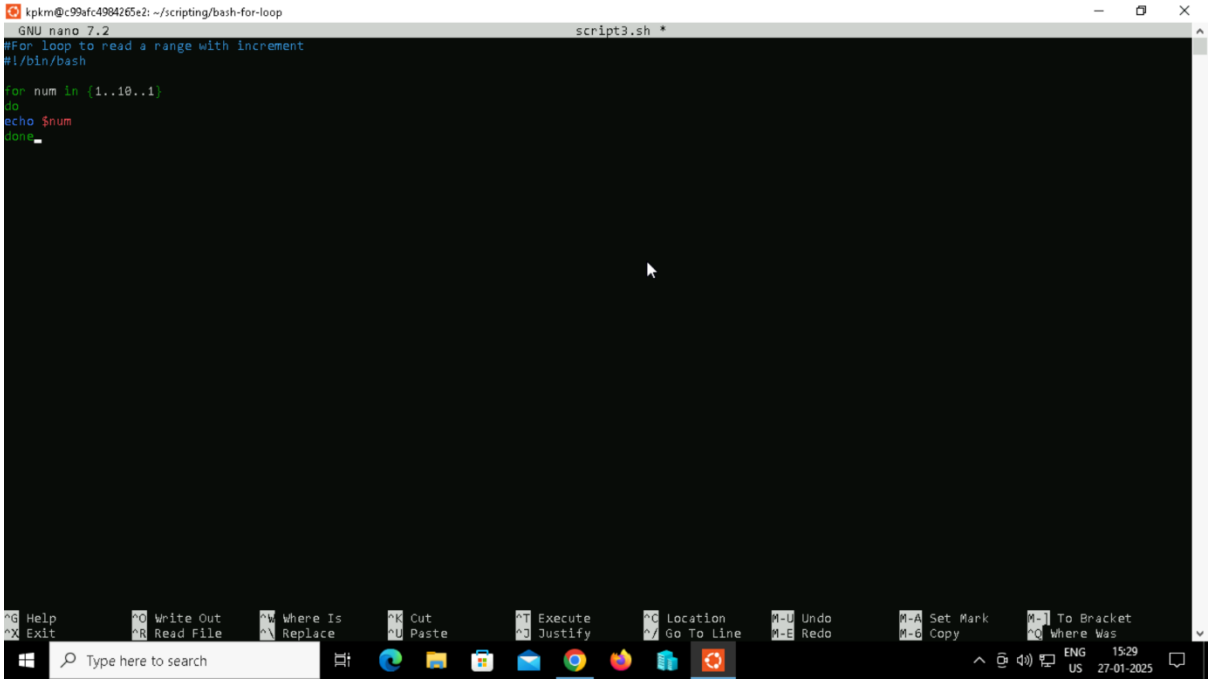


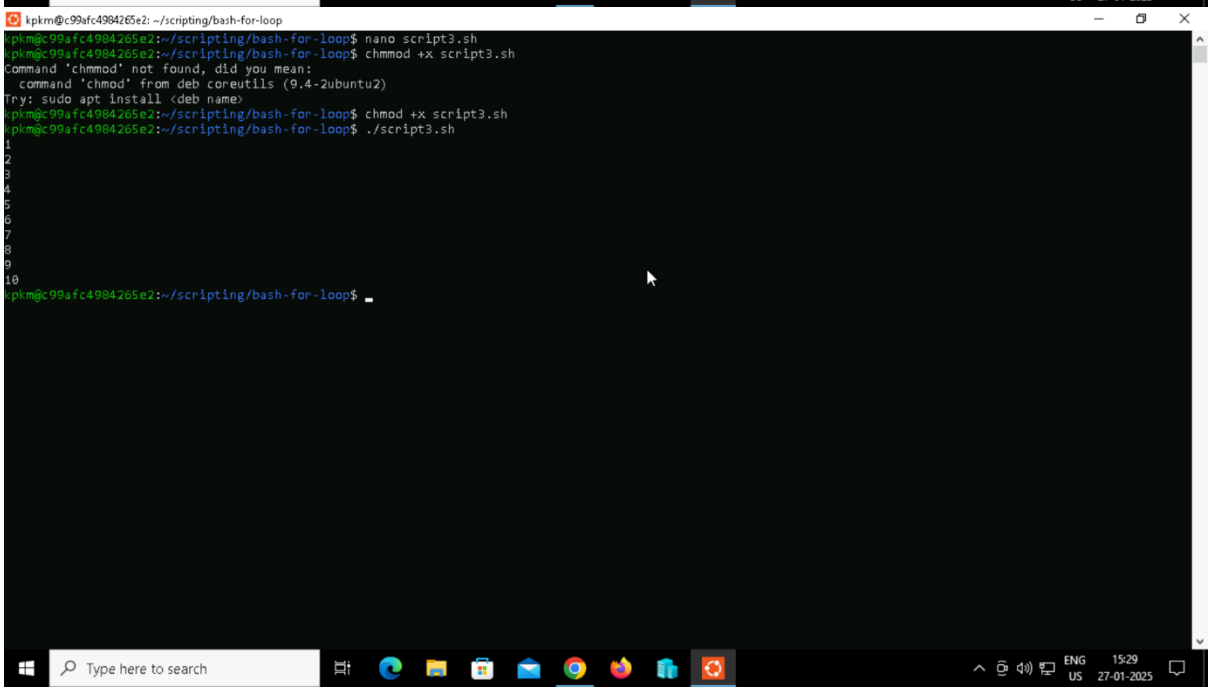
Q. For loop to print numbers from 1-10



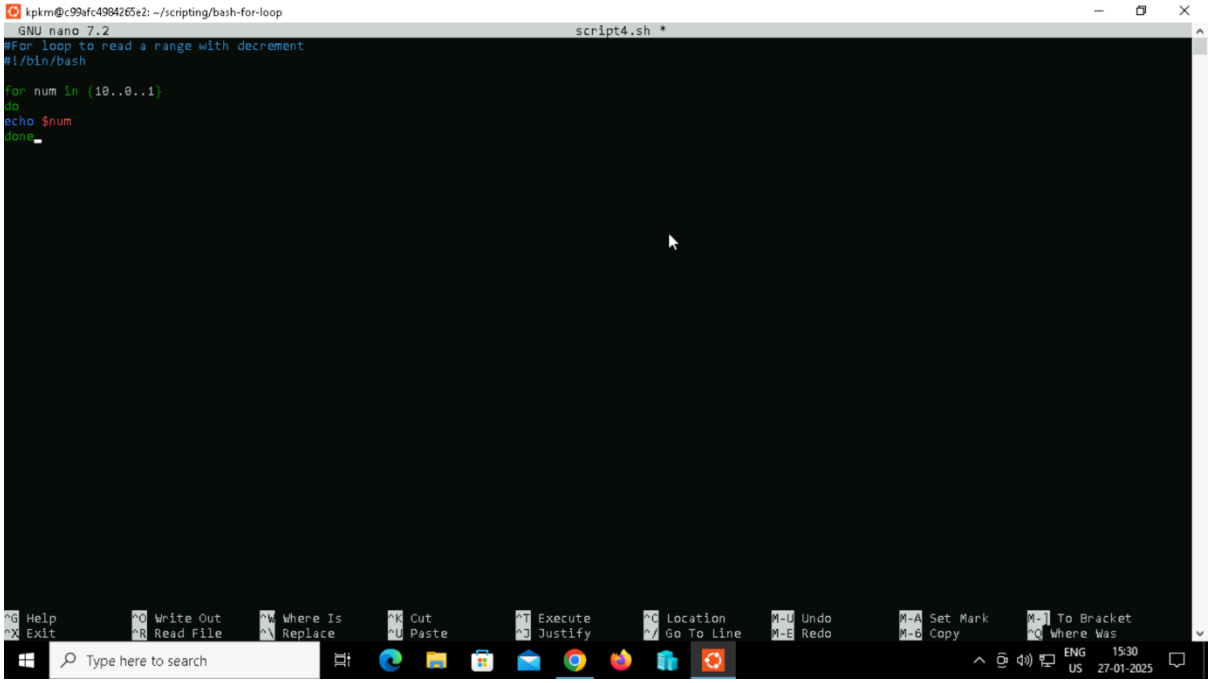


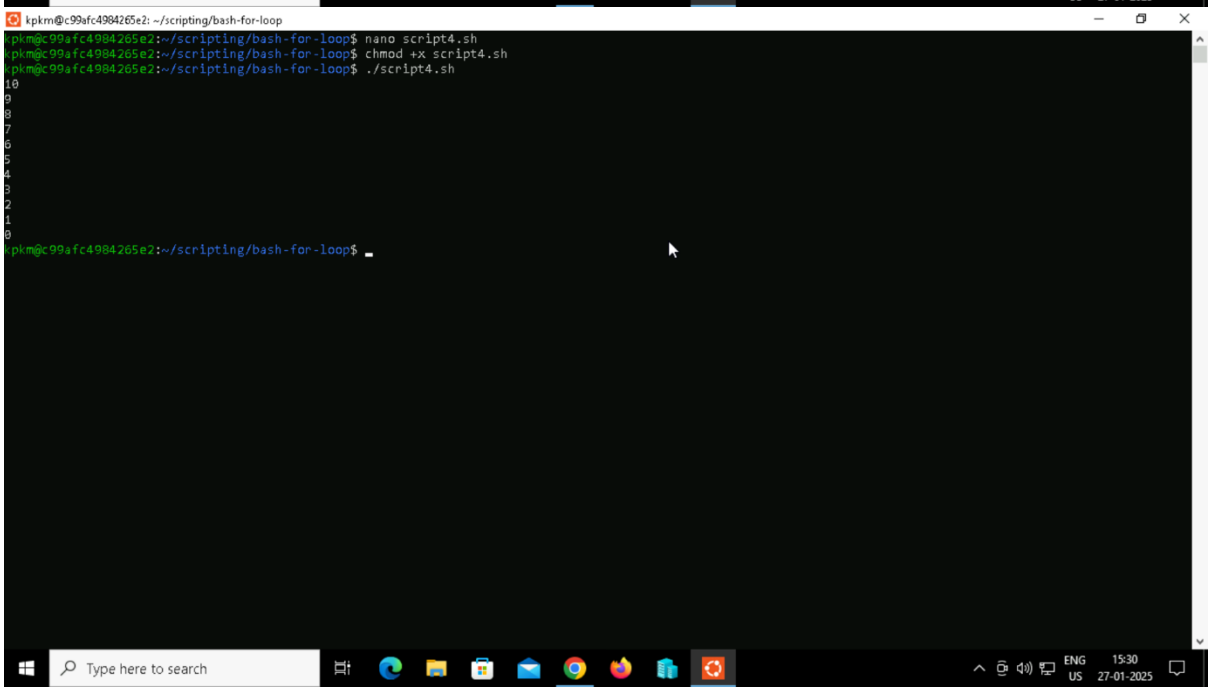
Q. For loop to read a range with increment



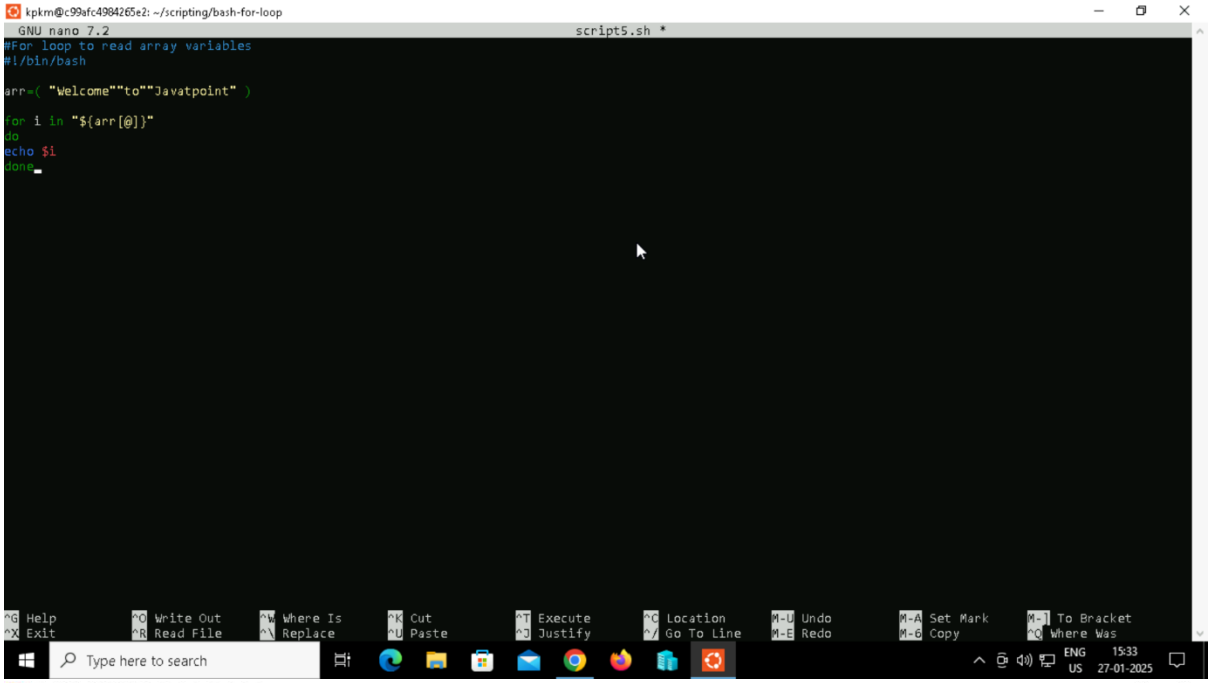


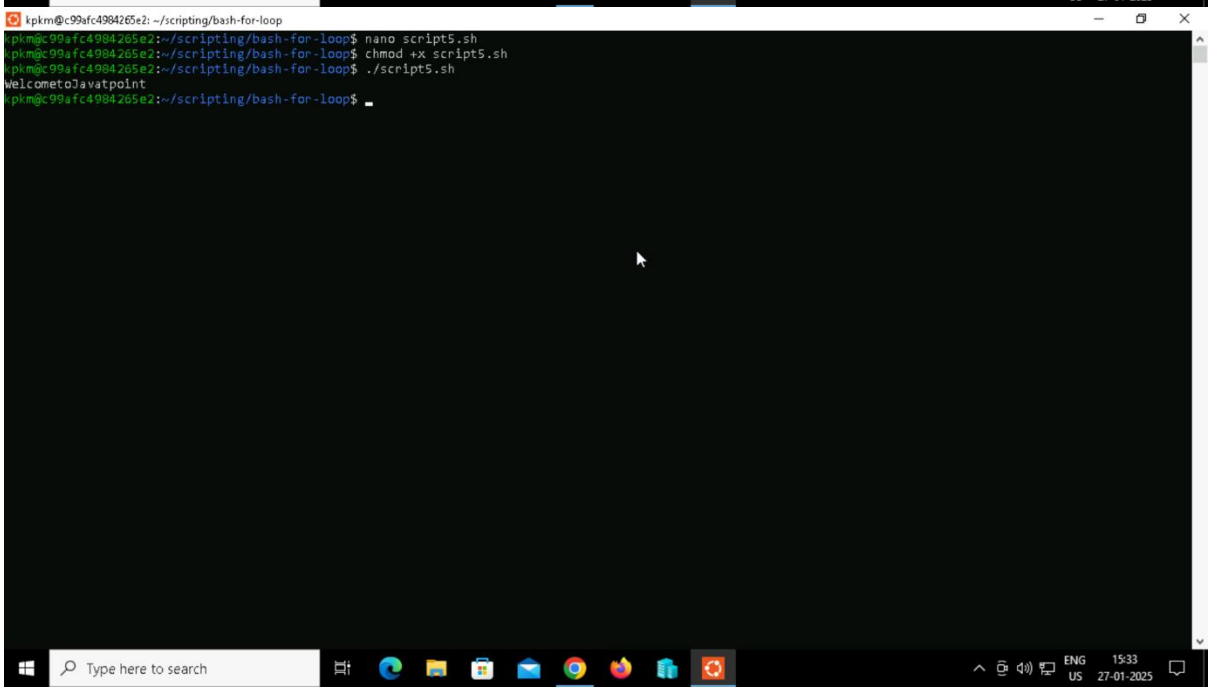
Q. For loop to read a range with decrement



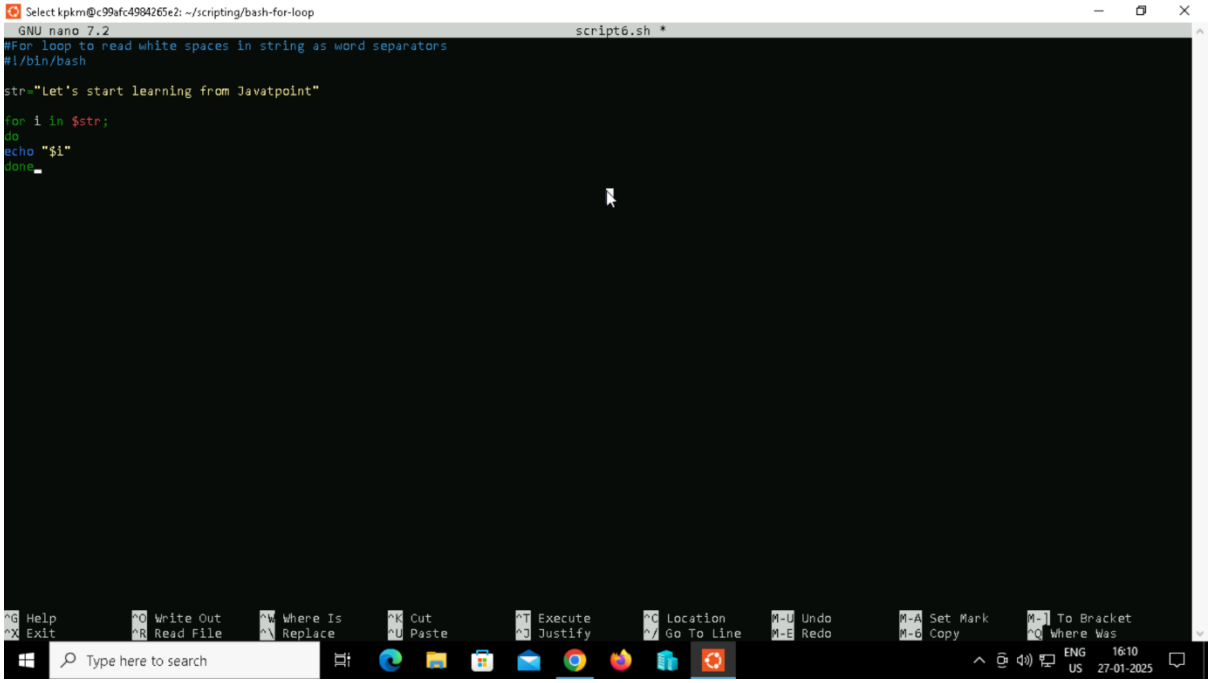


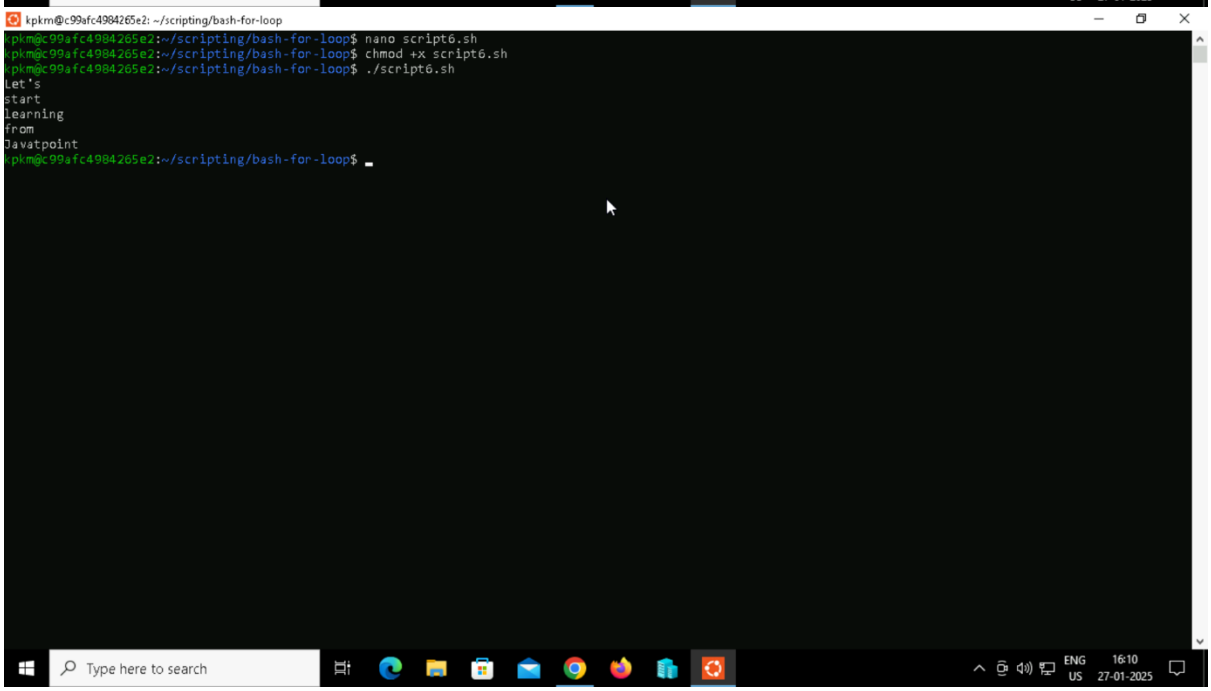
Q. For loop to read array variables



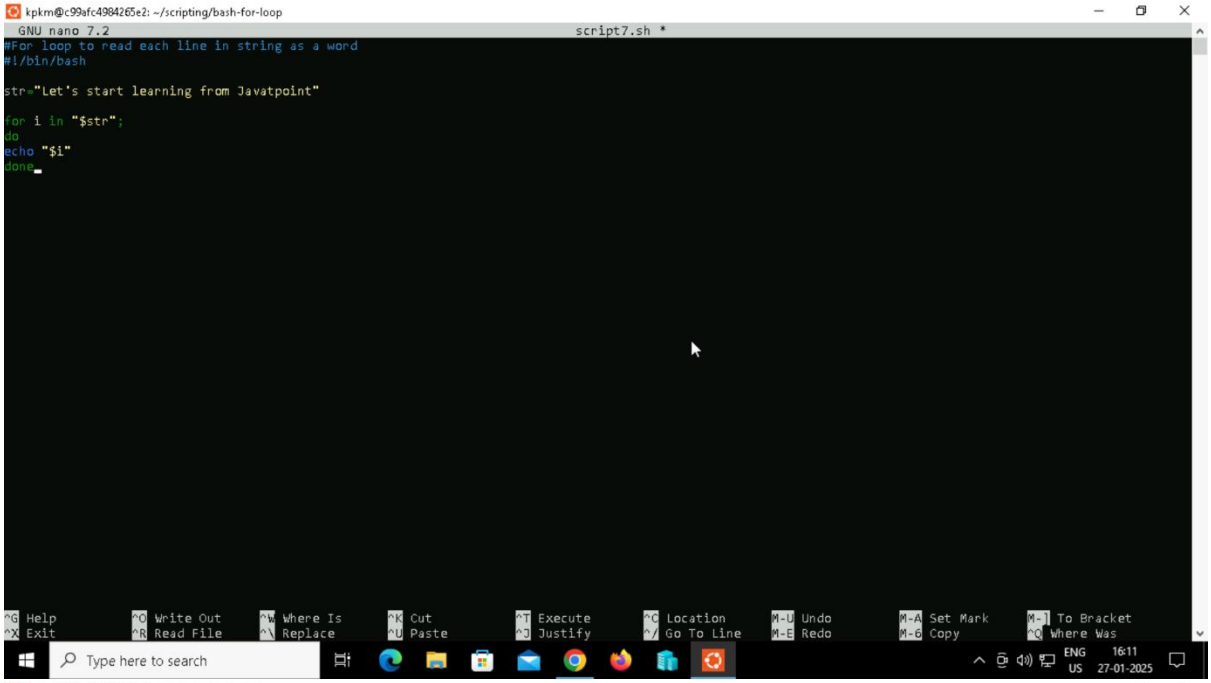


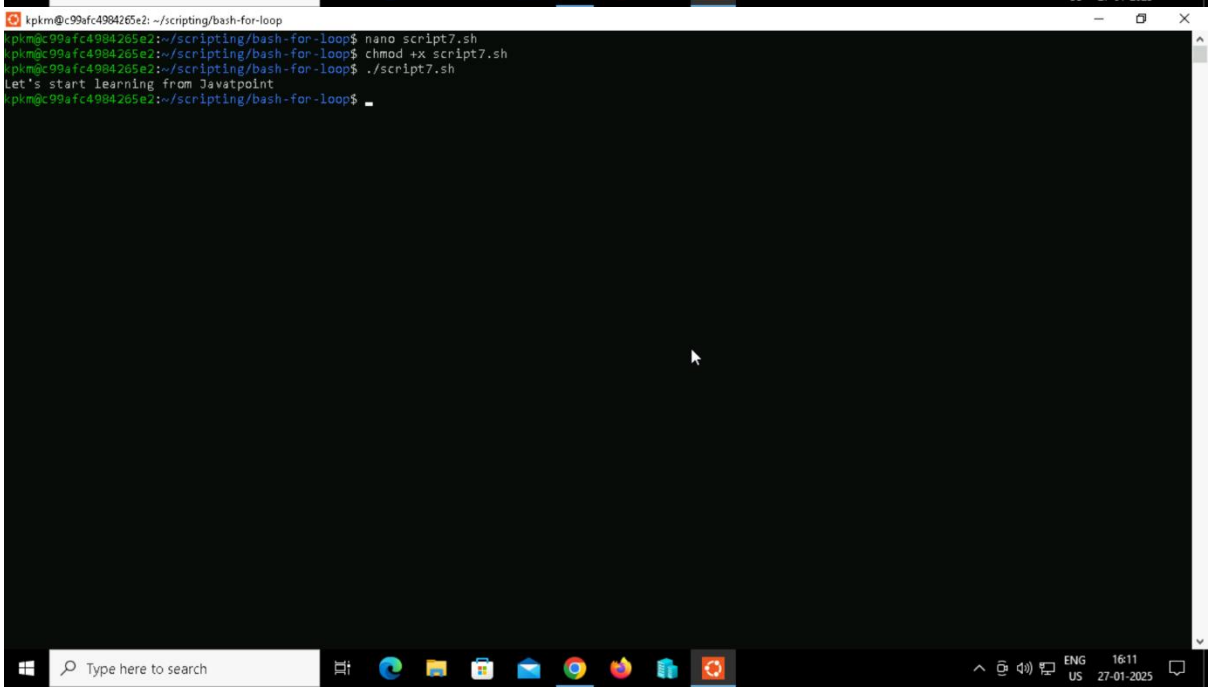
Q. For loop to read white spaces in string as word separators



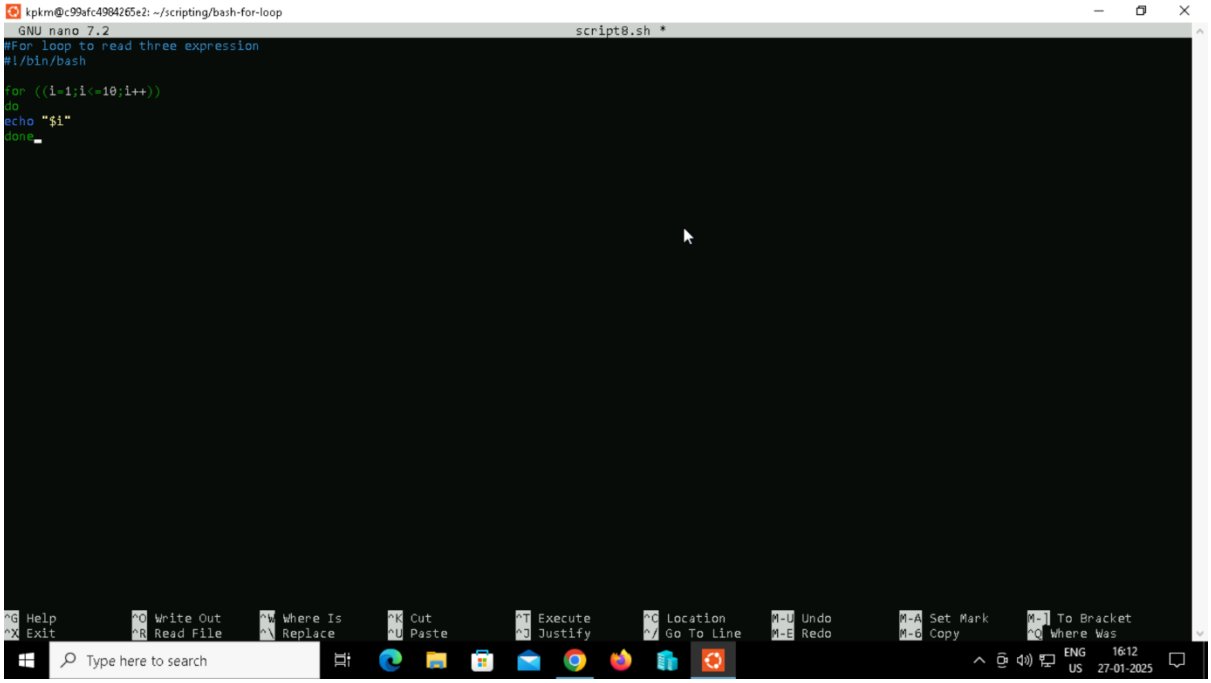


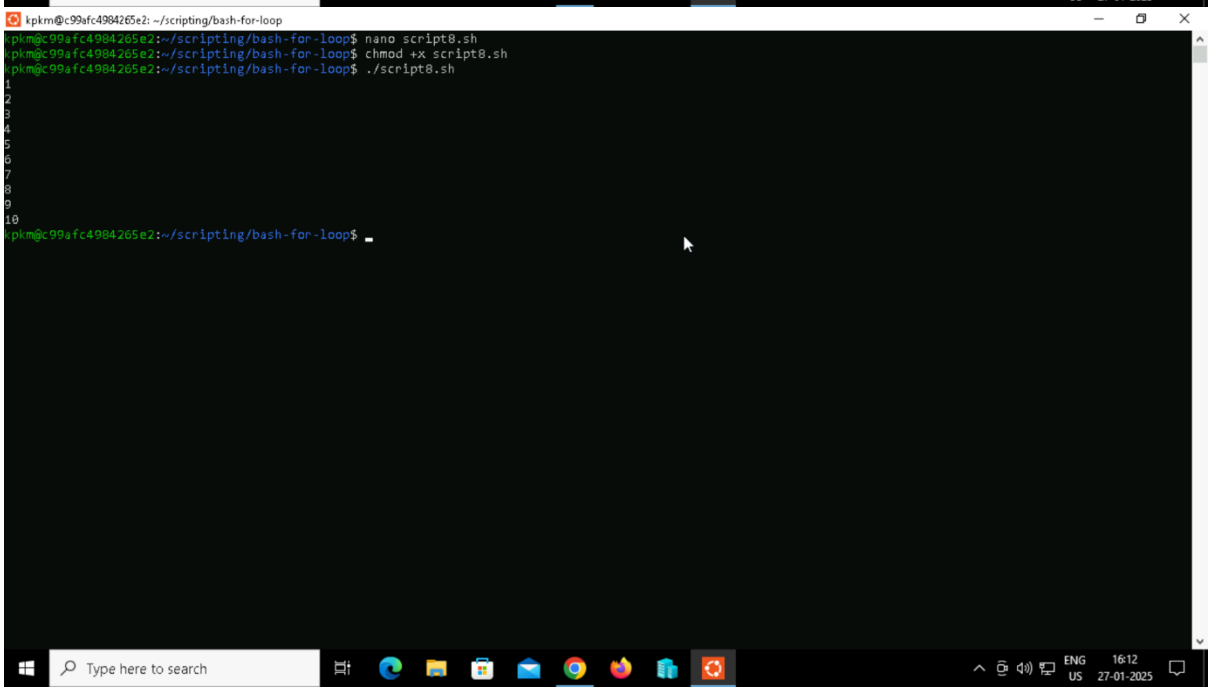
Q. For loop to read each line in string as a word



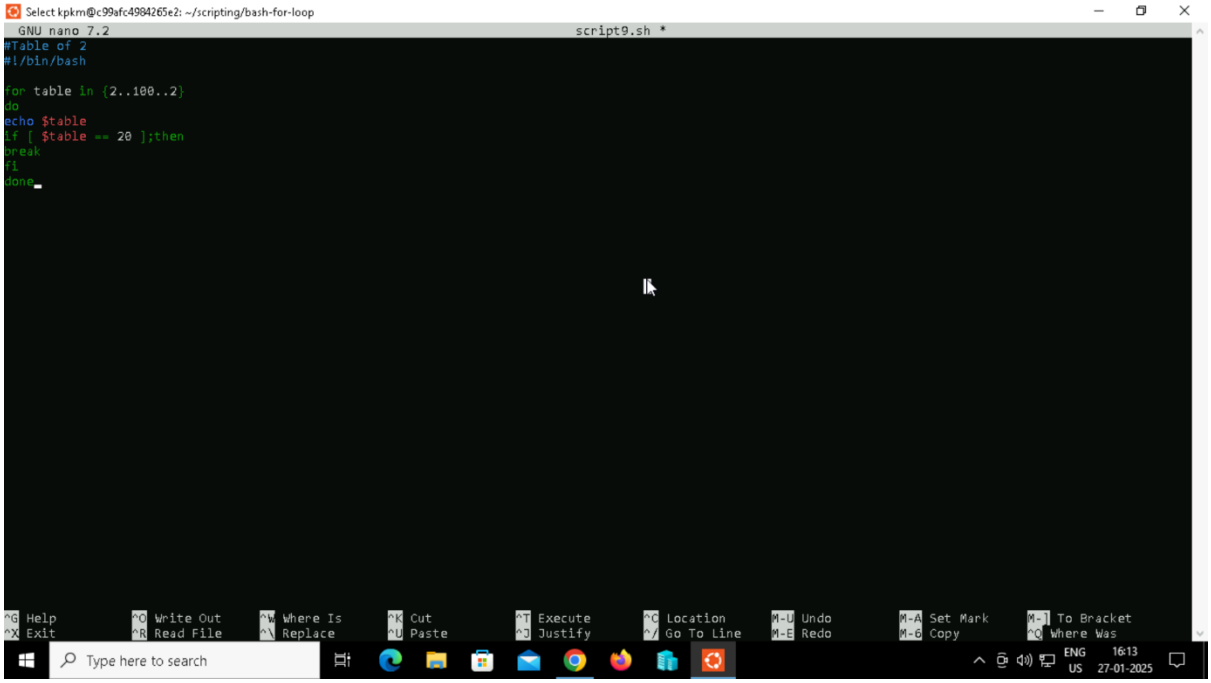


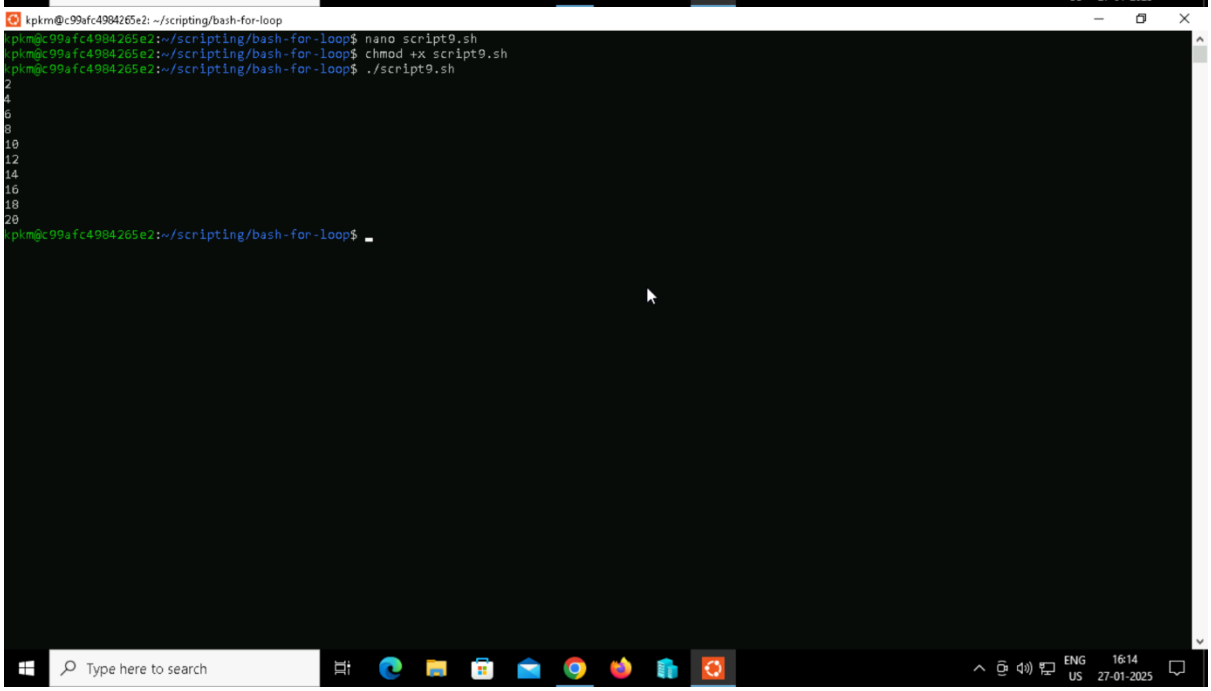
Q. For loop to read three expression



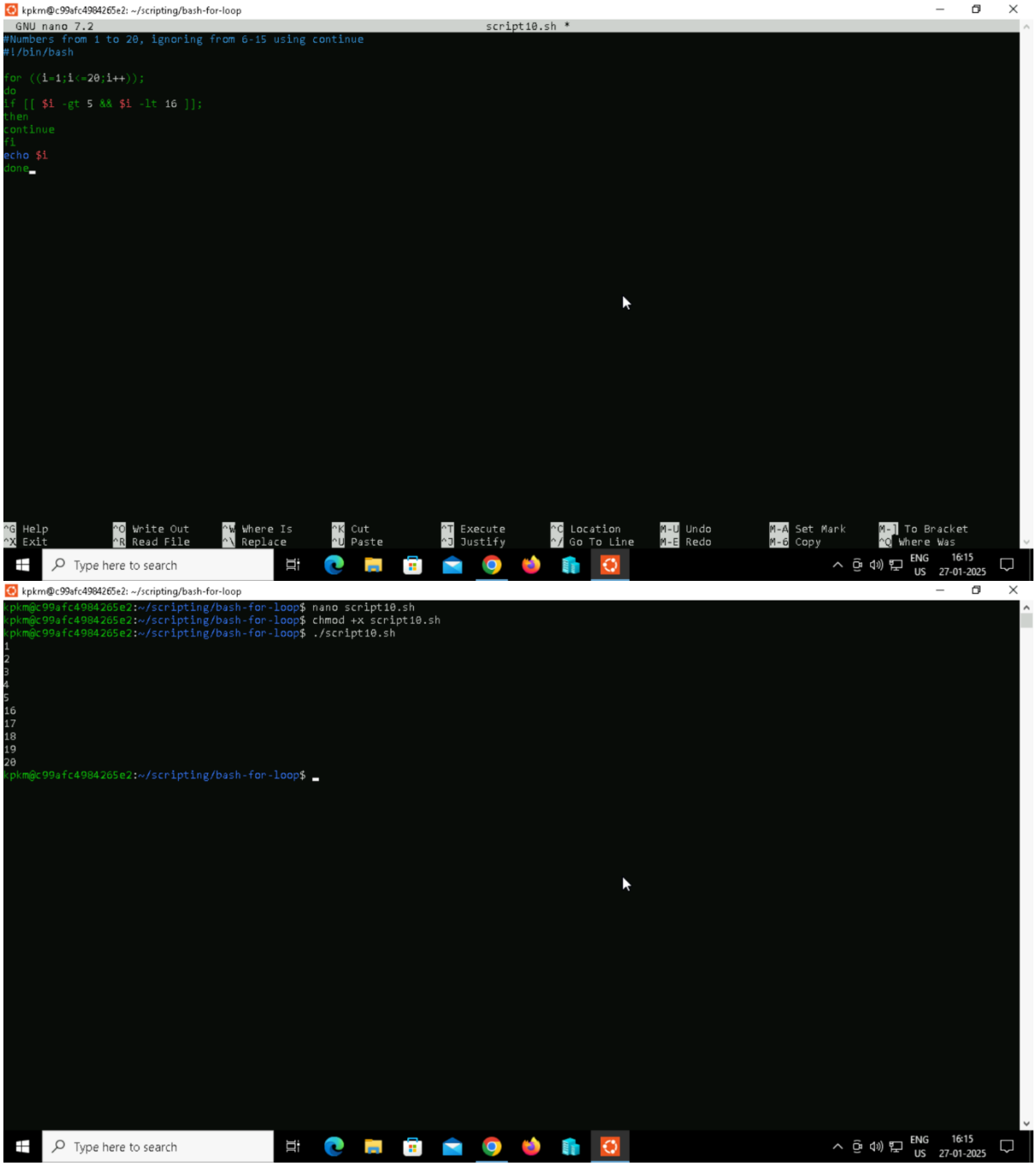


Q. Table of 2 using for loop



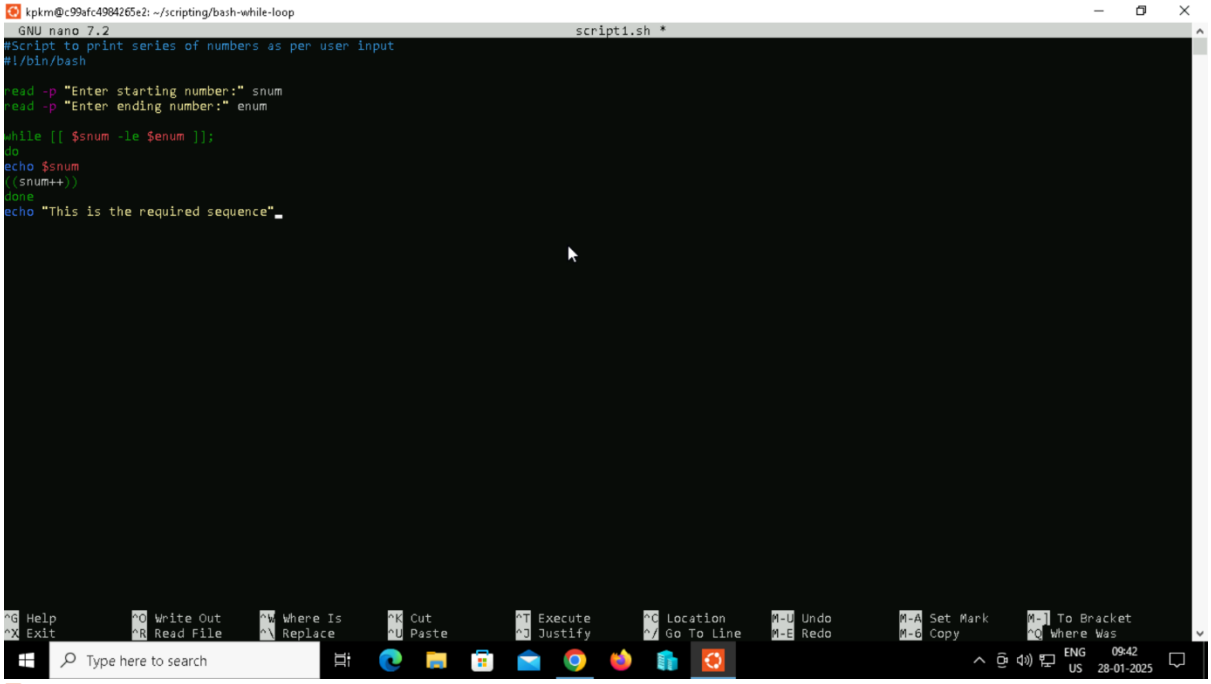


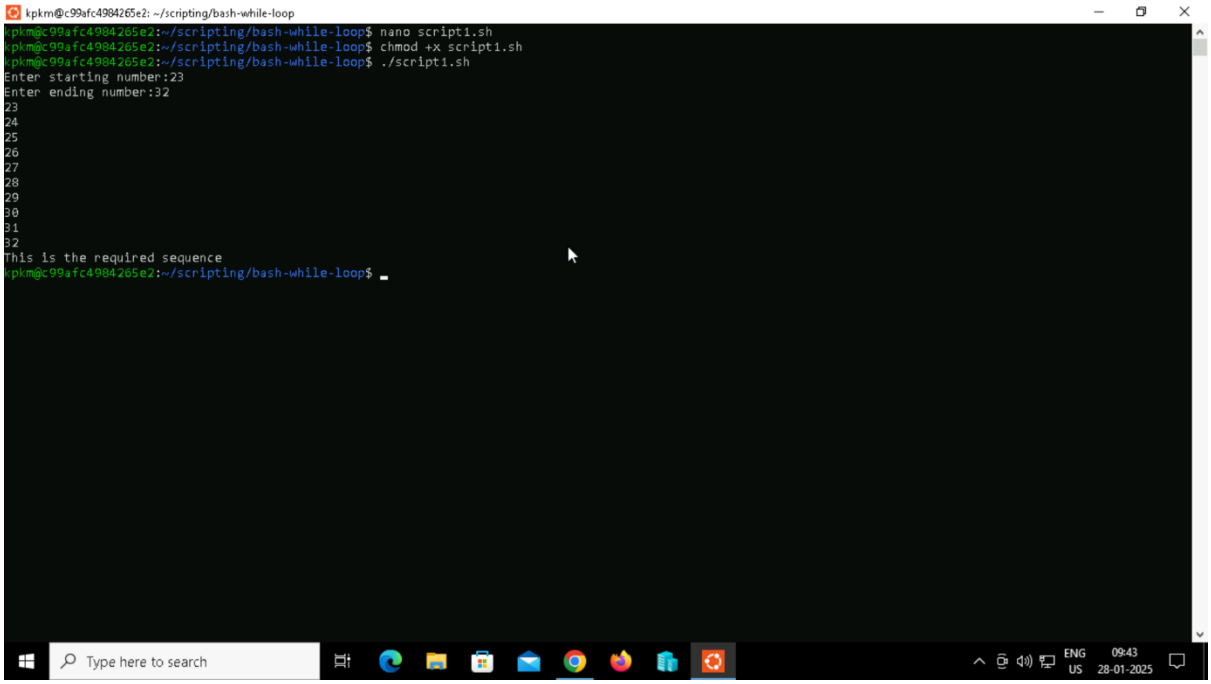
Q. Numbers from 1 to 20, ignoring from 6-15 using continue



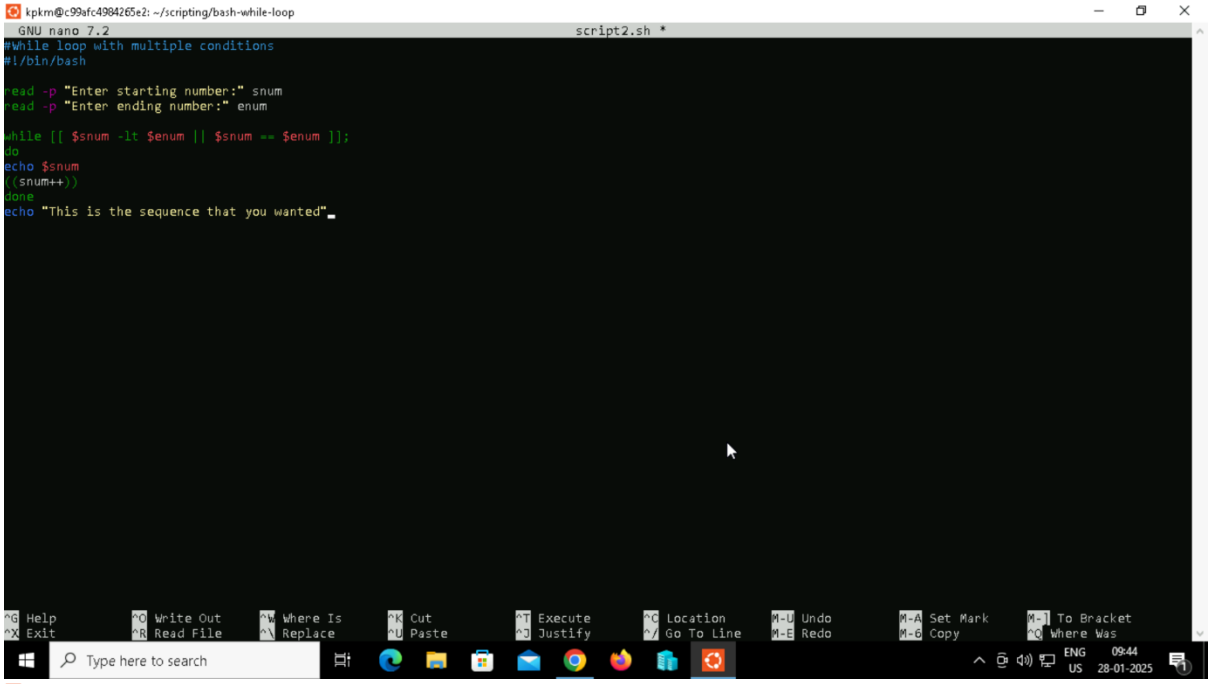
BASH While Loop

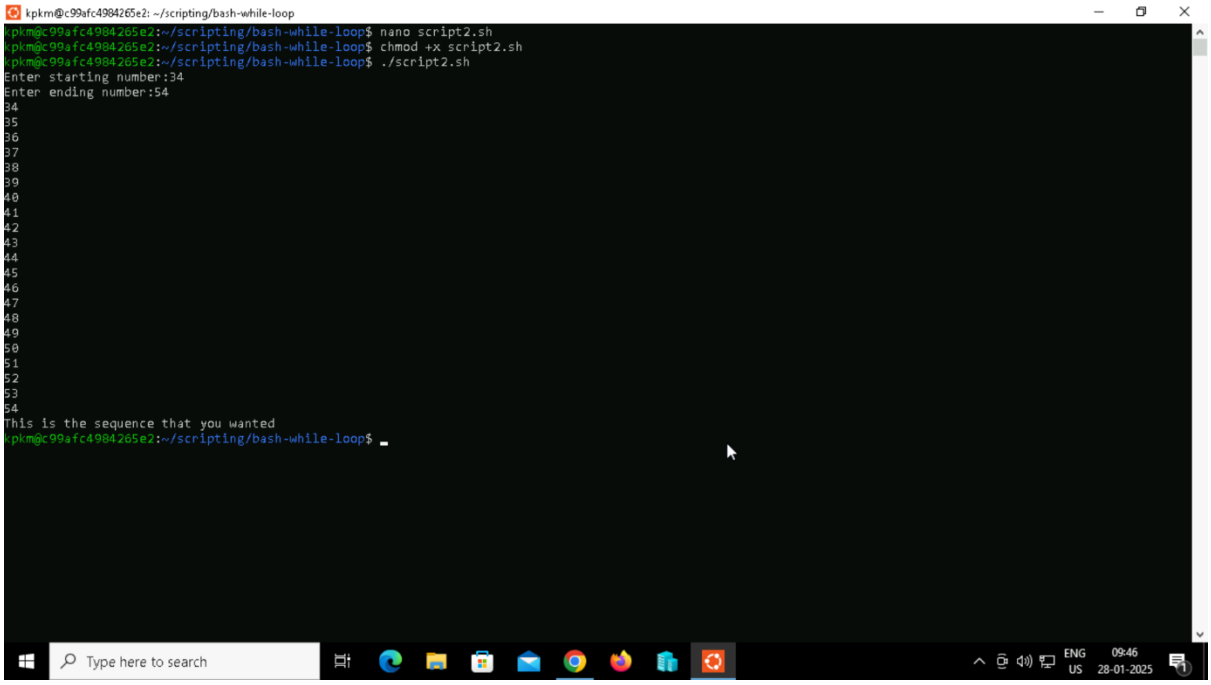
Q. Script to print series of numbers as per user input



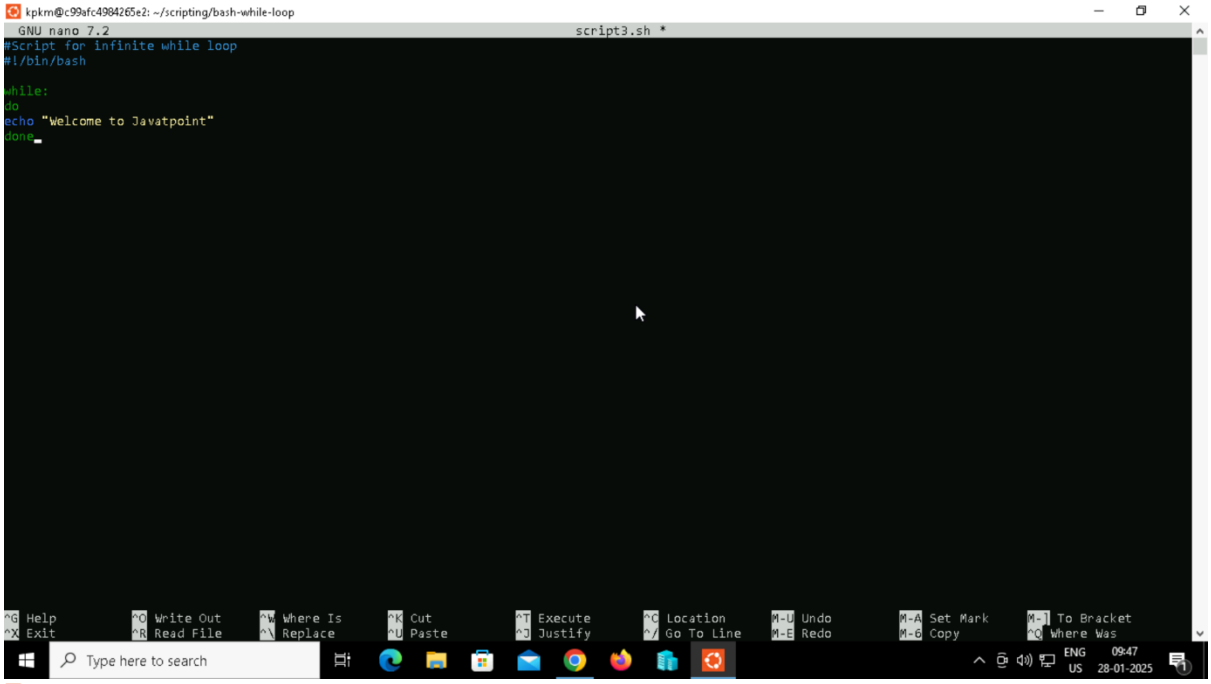


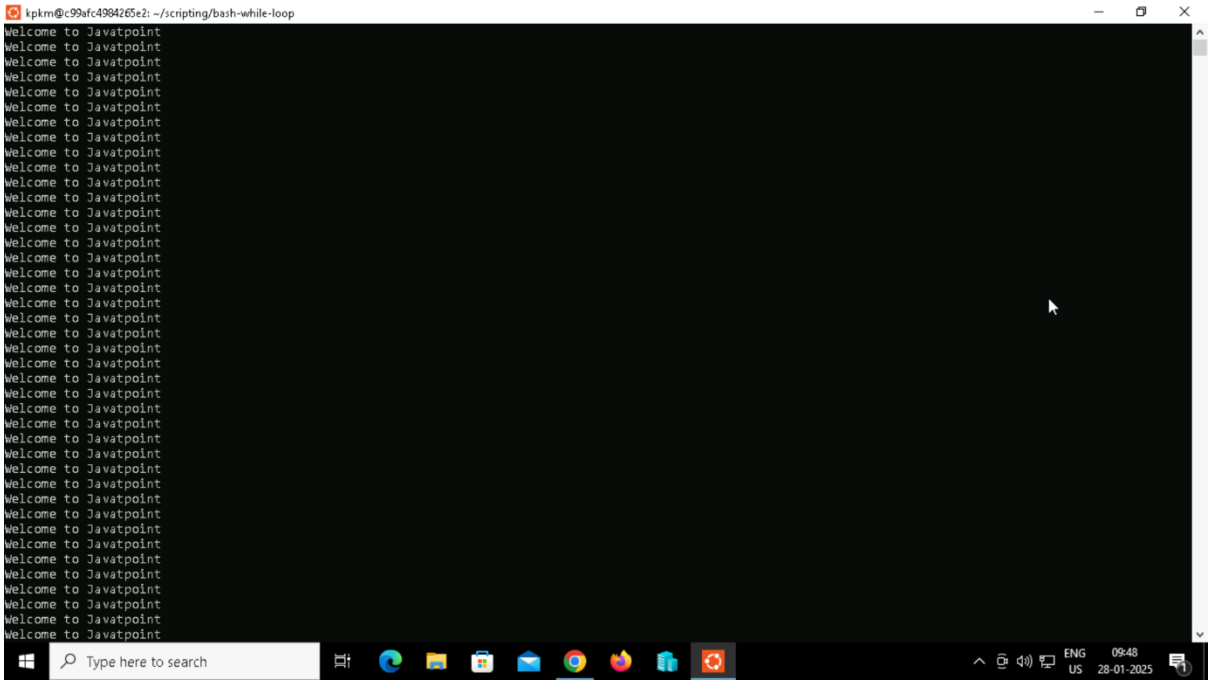
Q. While loop with multiple conditions



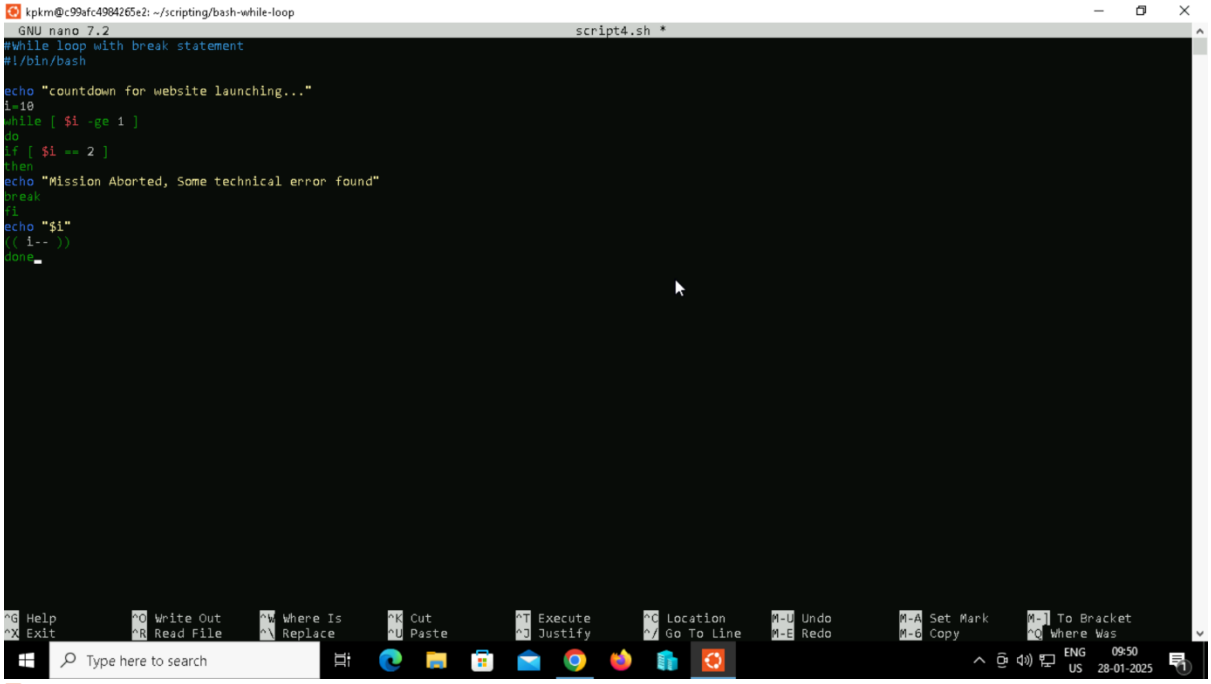


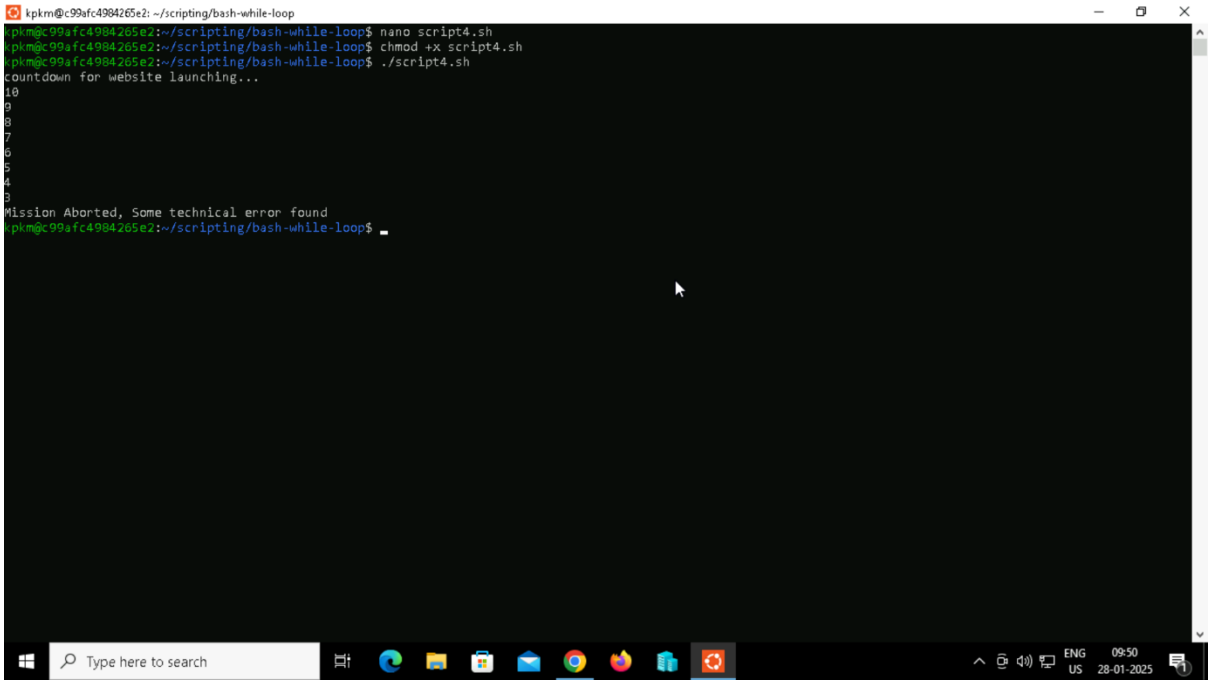
Q. Script for infinite while loop



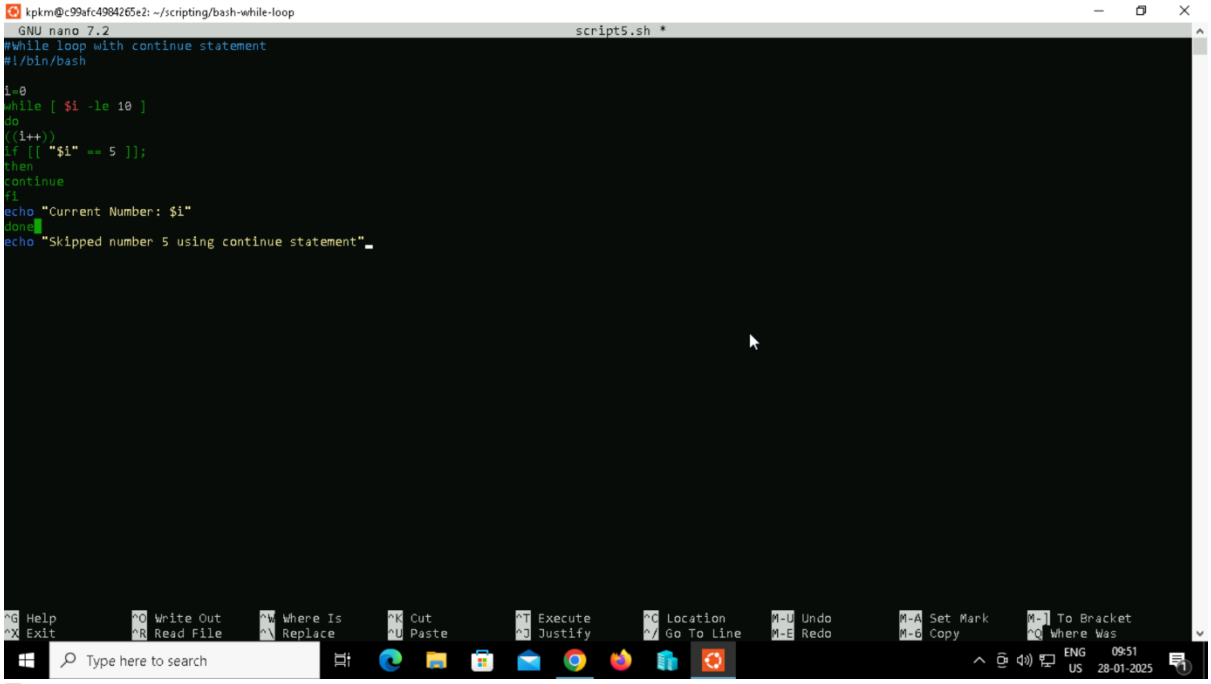


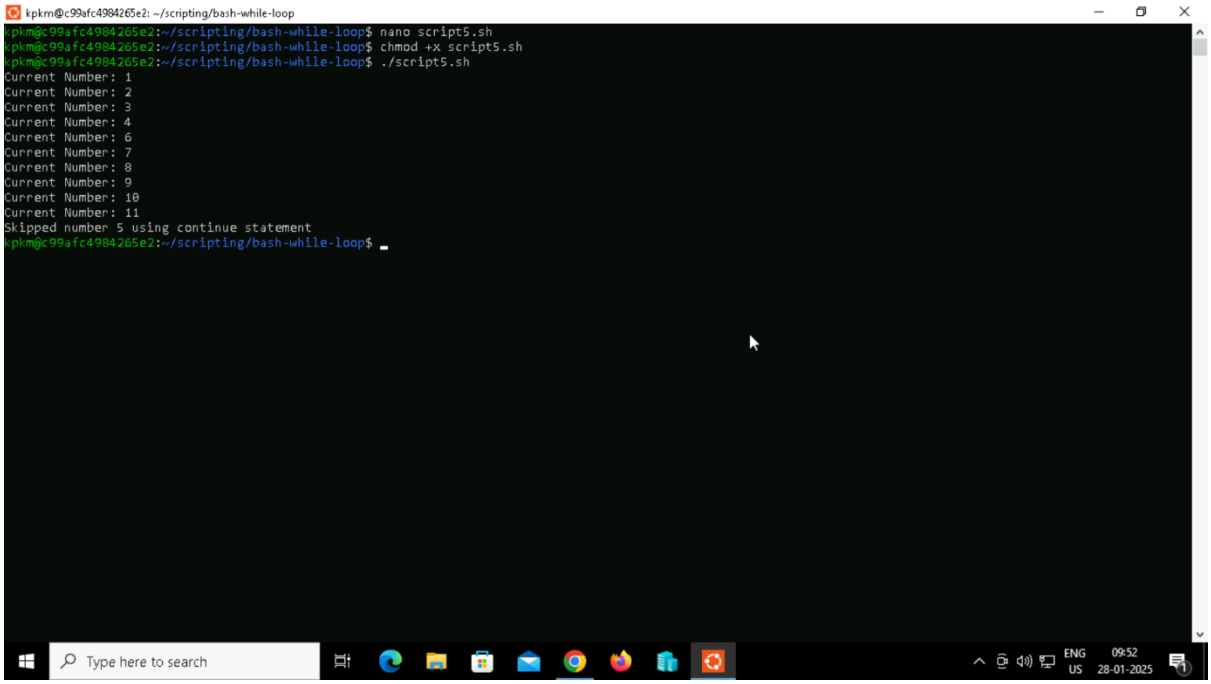
Q. While loop with break statement



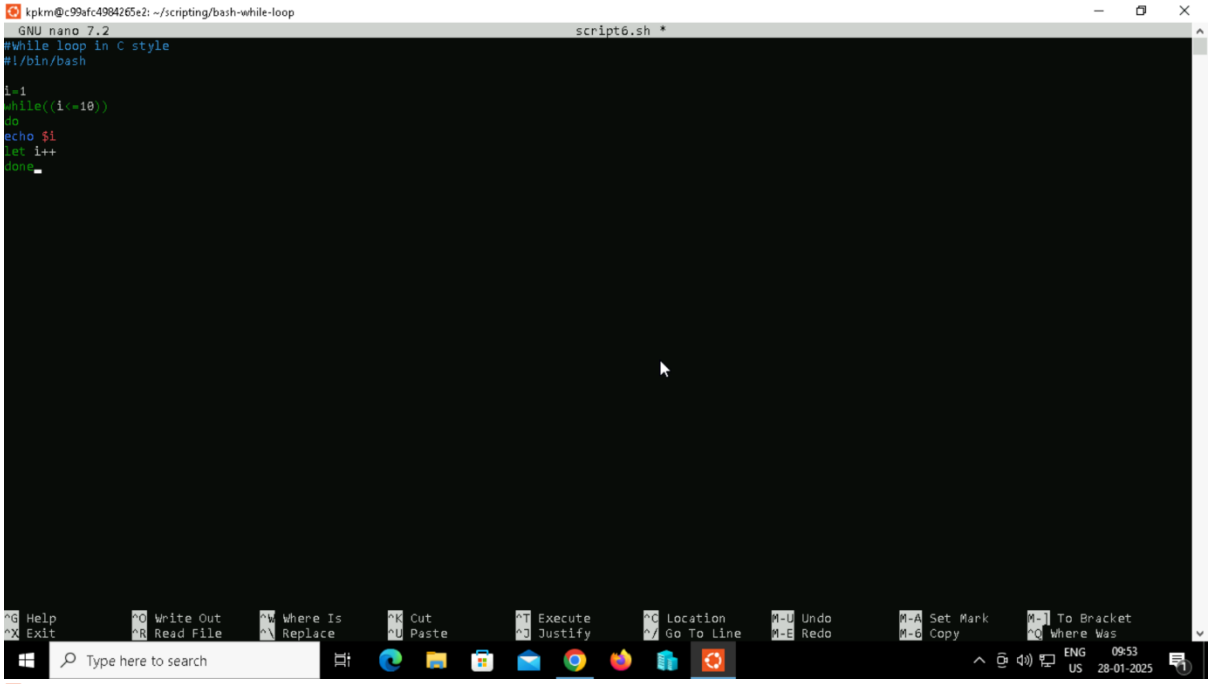


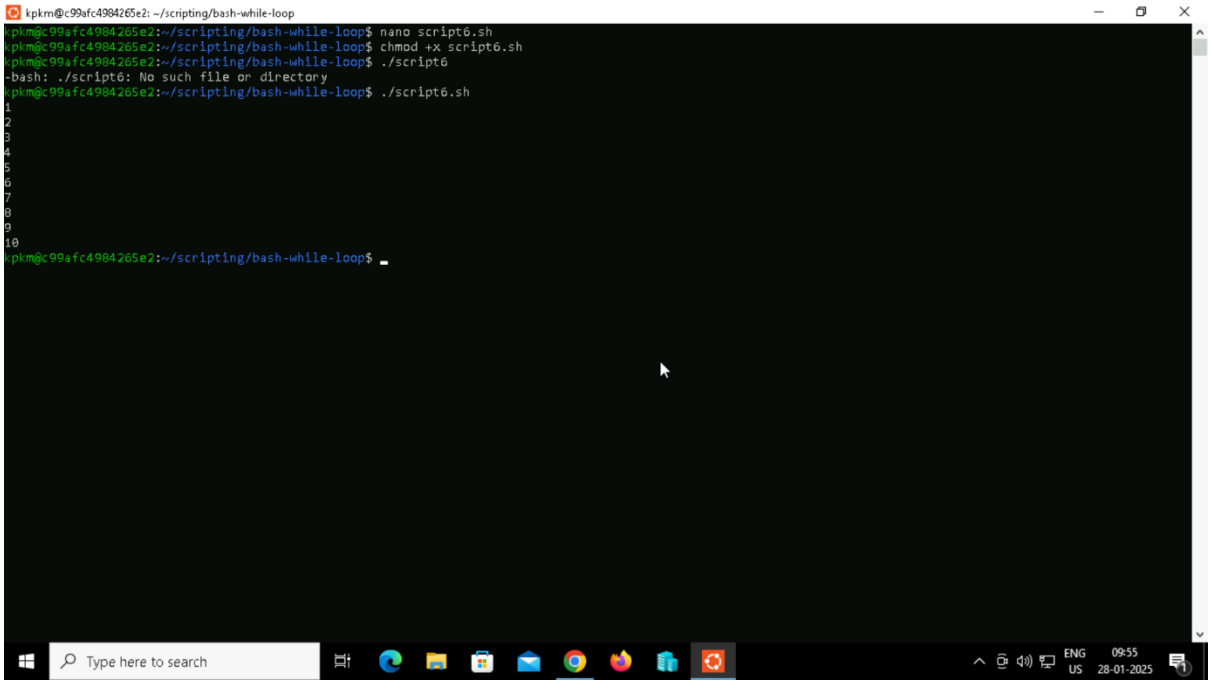
Q. While loop with continue statement



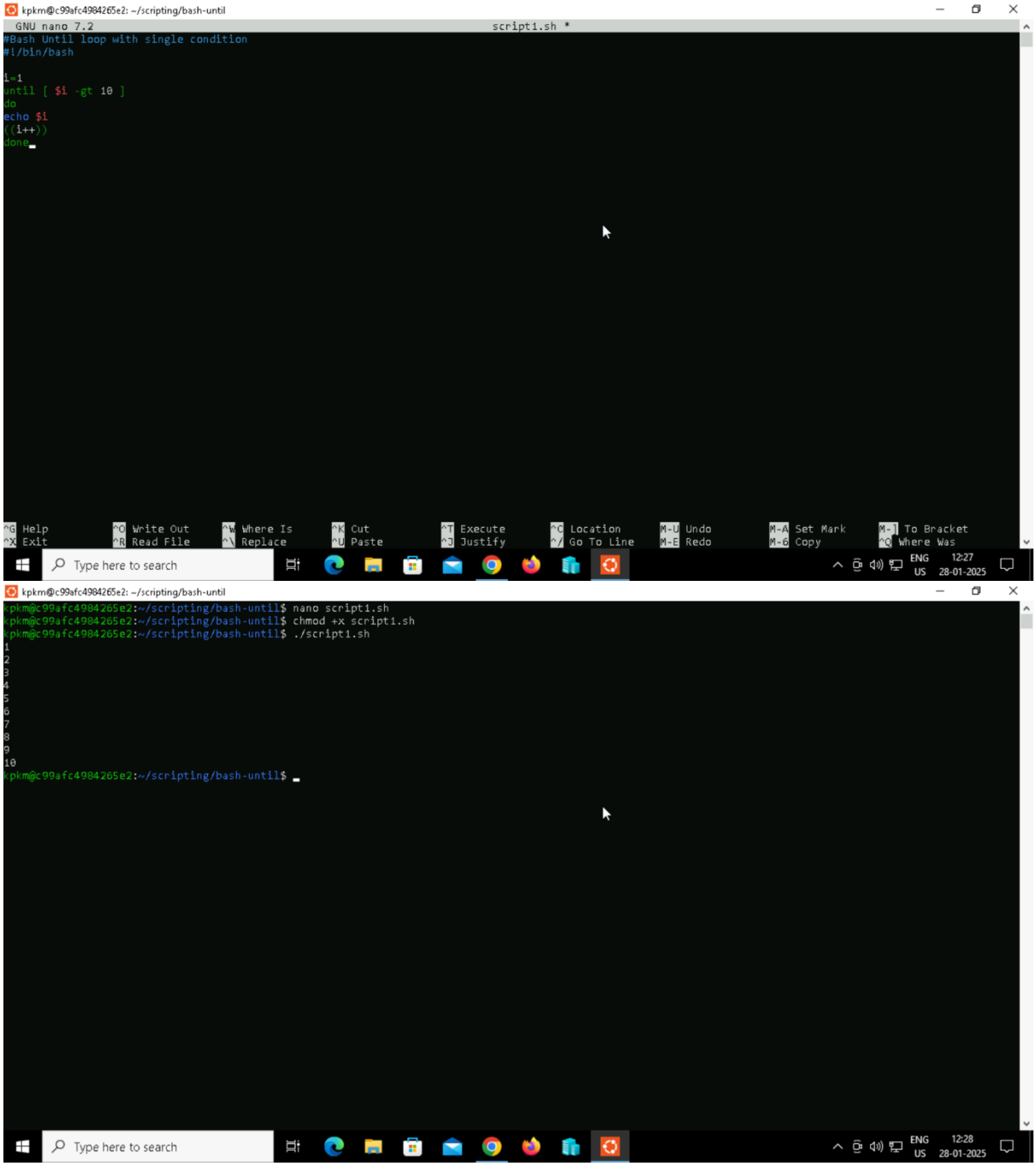


Q. While loop in C style

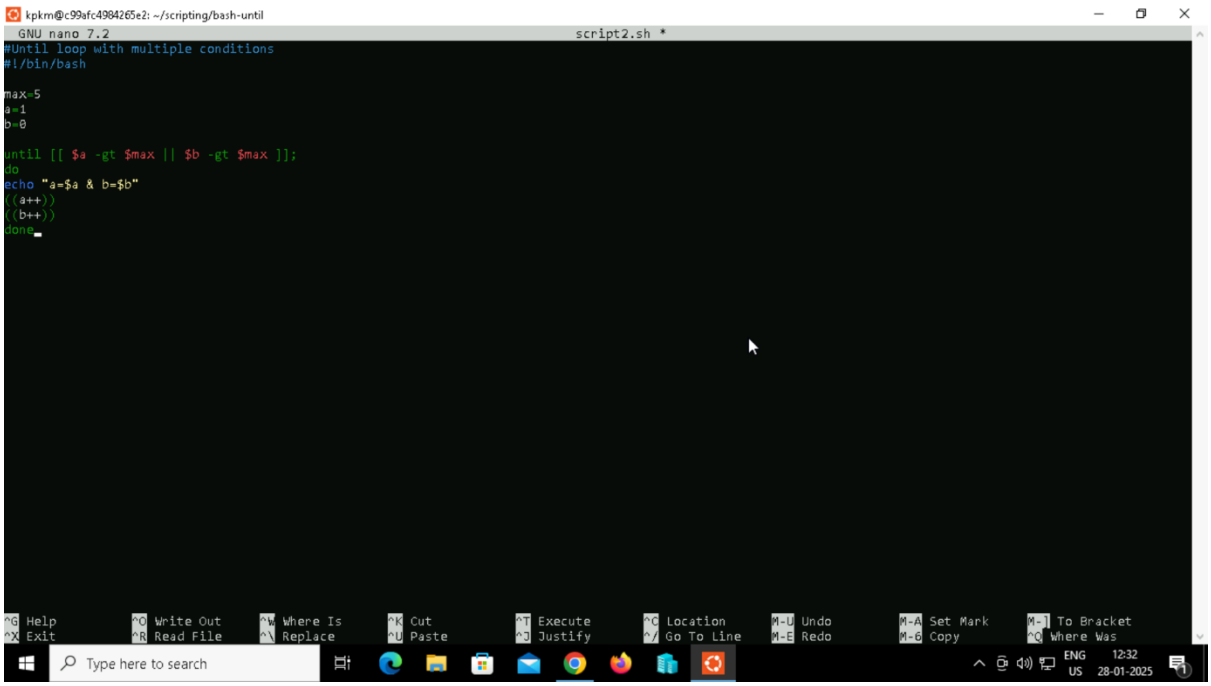


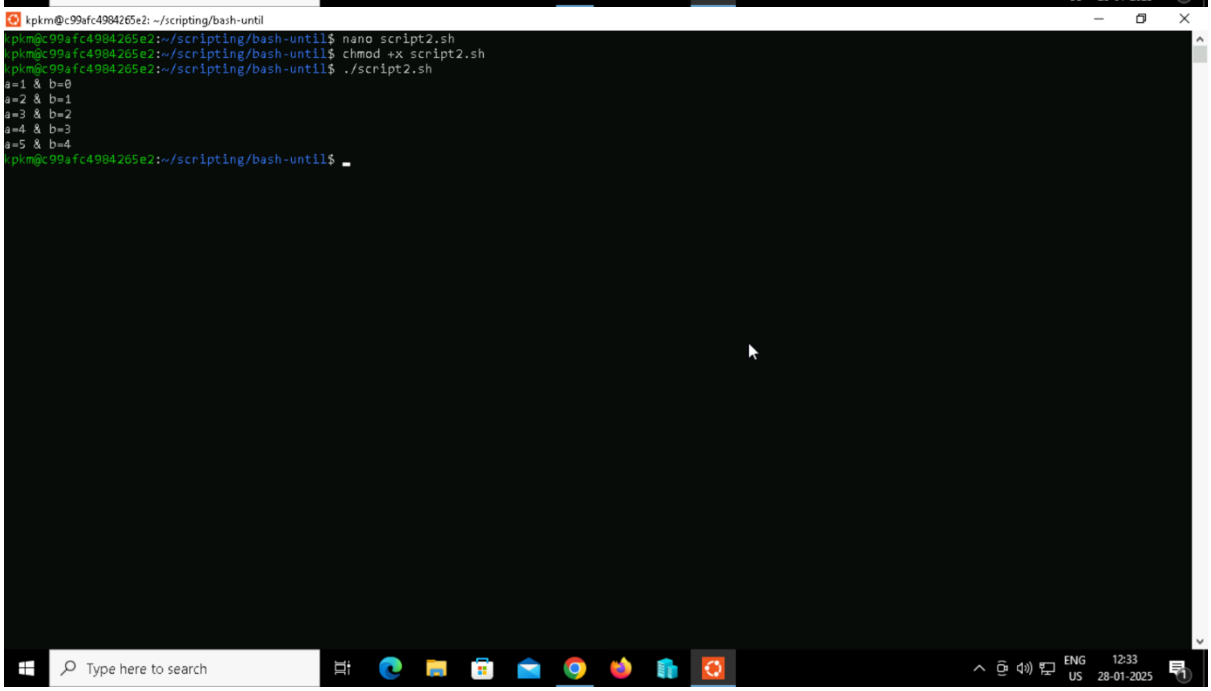


BASH Until Loop



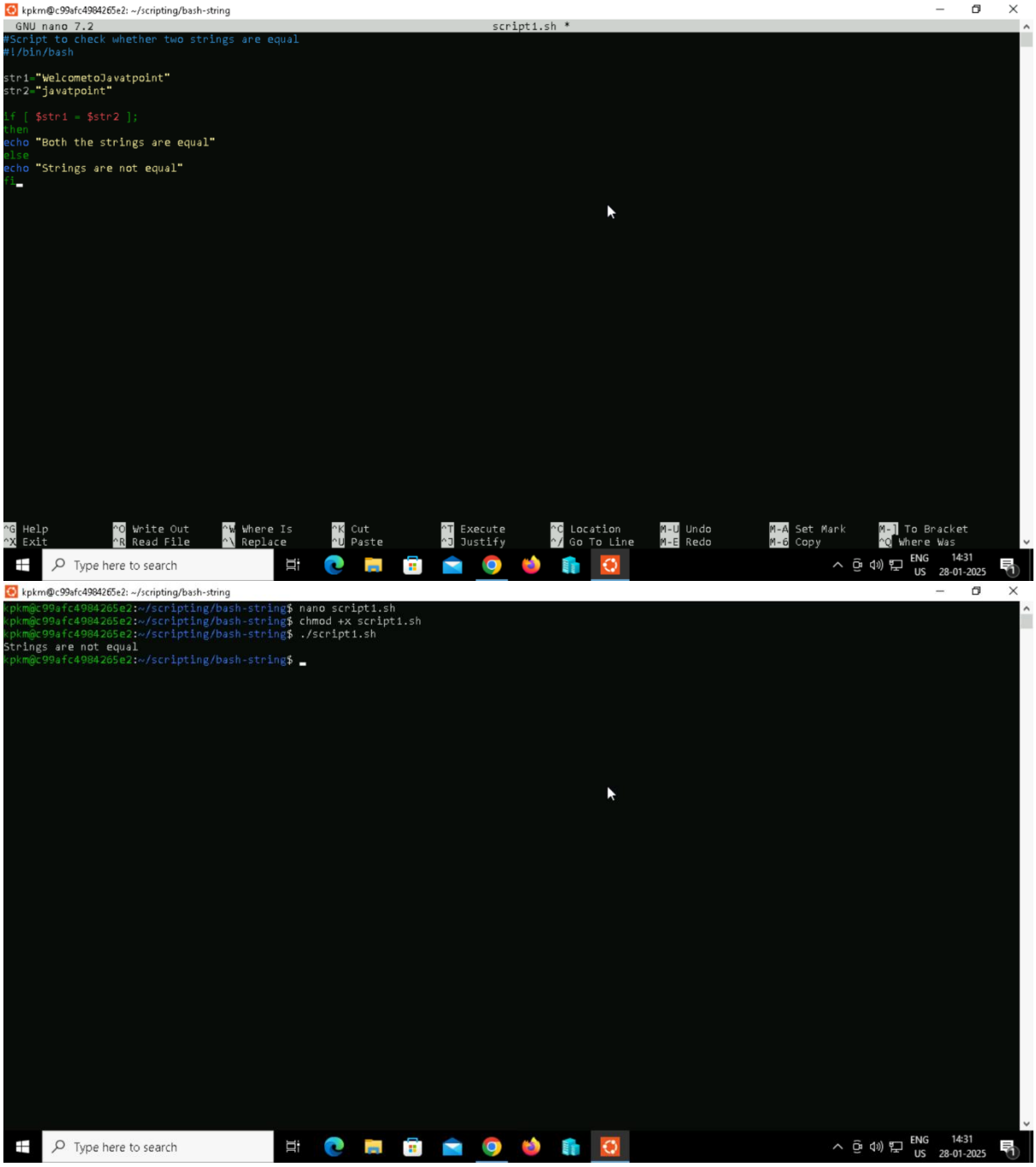
Q


kpkm@c99afc4984265e2: ~/scripting/bash-until
GNU nano 7.2 script2.sh *
#Until loop with multiple conditions
#!/bin/bash
max=5
a=1
b=0
until [[$a -gt $max || $b -gt $max]];
do
echo "a=$a & b=$b"
((a++))
((b++))
done
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US
12:32
28-01-2025

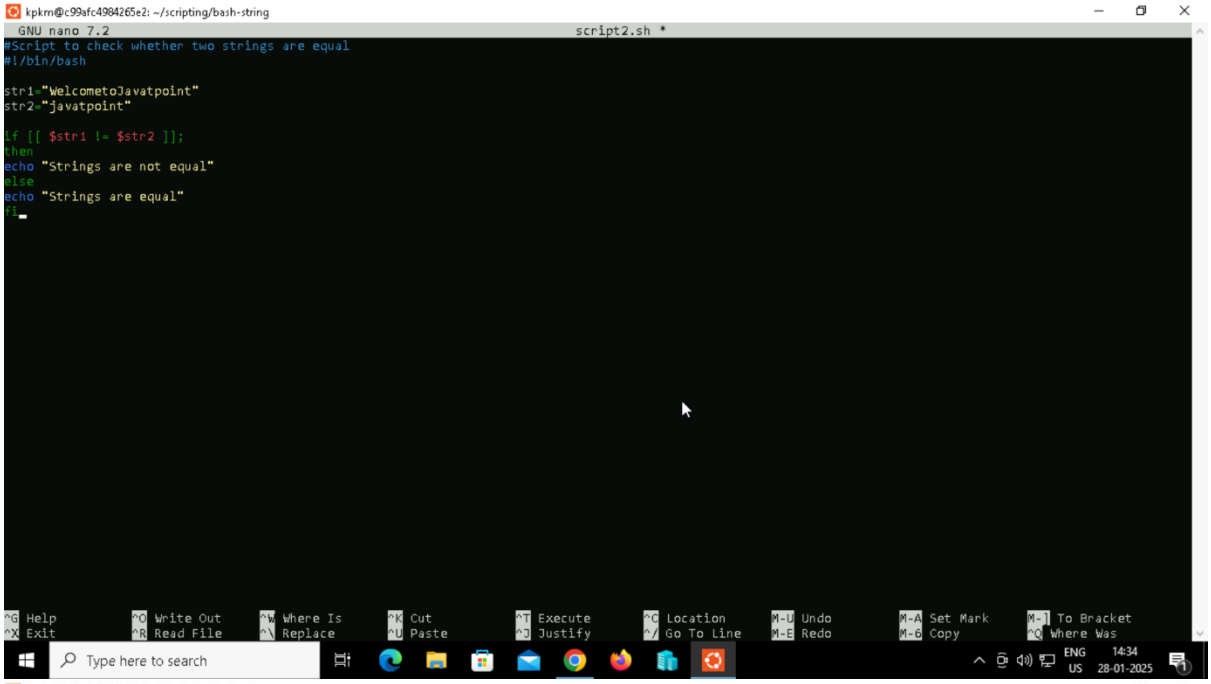

kpkm@c99afc4984265e2: ~/scripting/bash-until
kpkm@c99afc4984265e2:~/scripting/bash-until$ nano script2.sh
kpkm@c99afc4984265e2:~/scripting/bash-until$ chmod +x script2.sh
kpkm@c99afc4984265e2:~/scripting/bash-until$ ./script2.sh
a=1 & b=0
a=2 & b=1
a=3 & b=2
a=4 & b=3
a=5 & b=4
kpkm@c99afc4984265e2:~/scripting/bash-until$
Type here to search
ENG US
12:33
28-01-2025

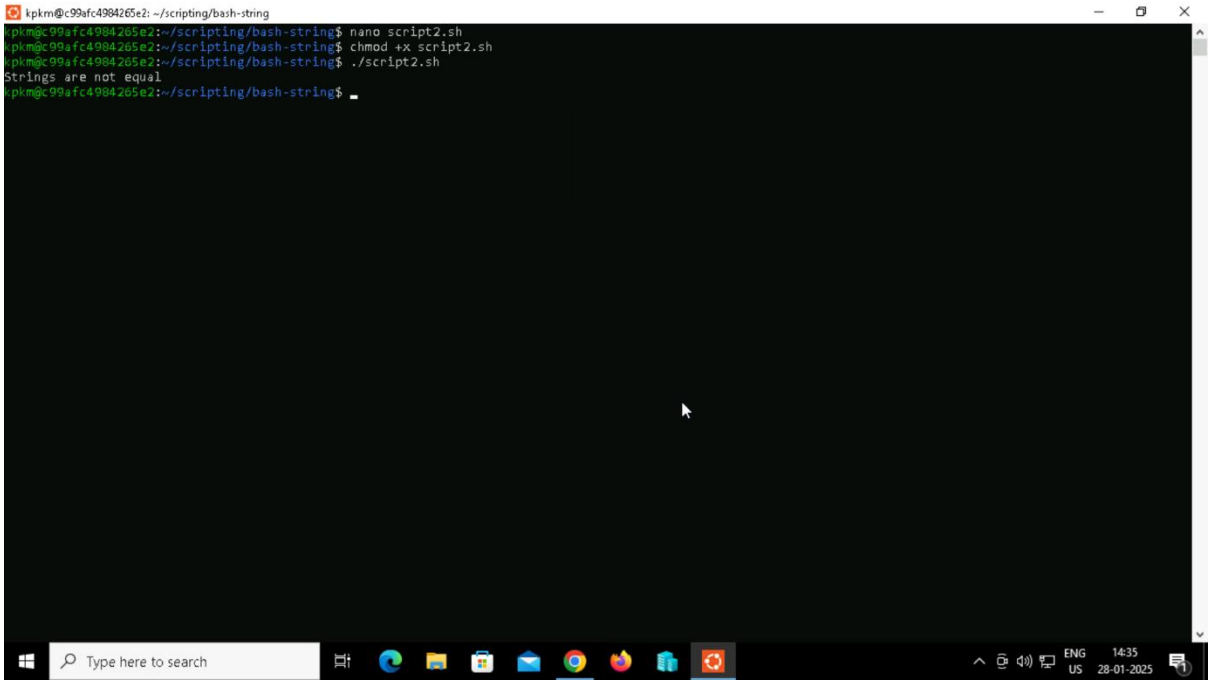
BASH String

Q. Script to check whether two strings are equal

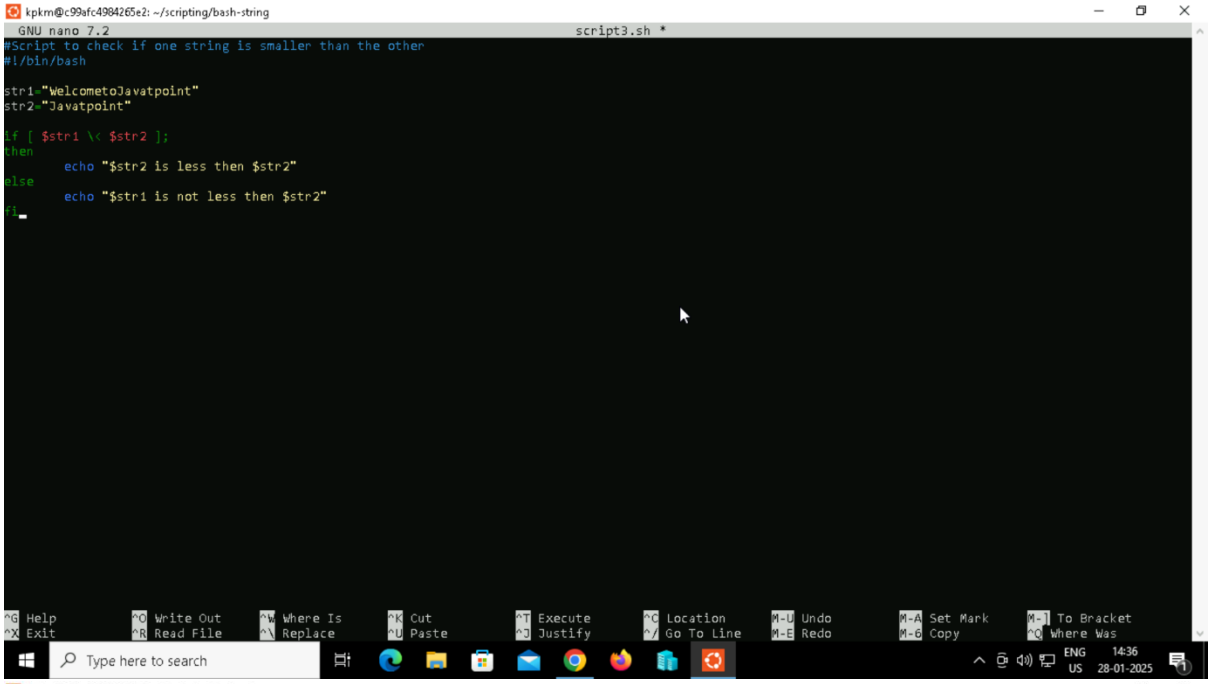


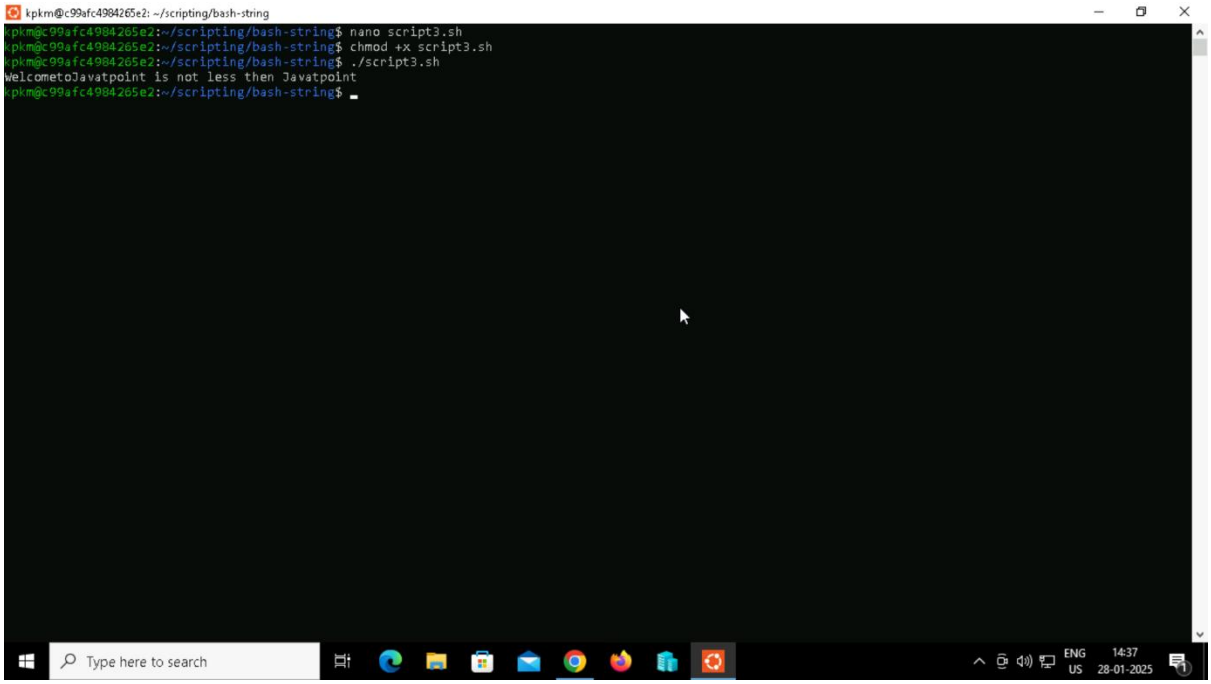
Q. Script to check whether two strings are equal



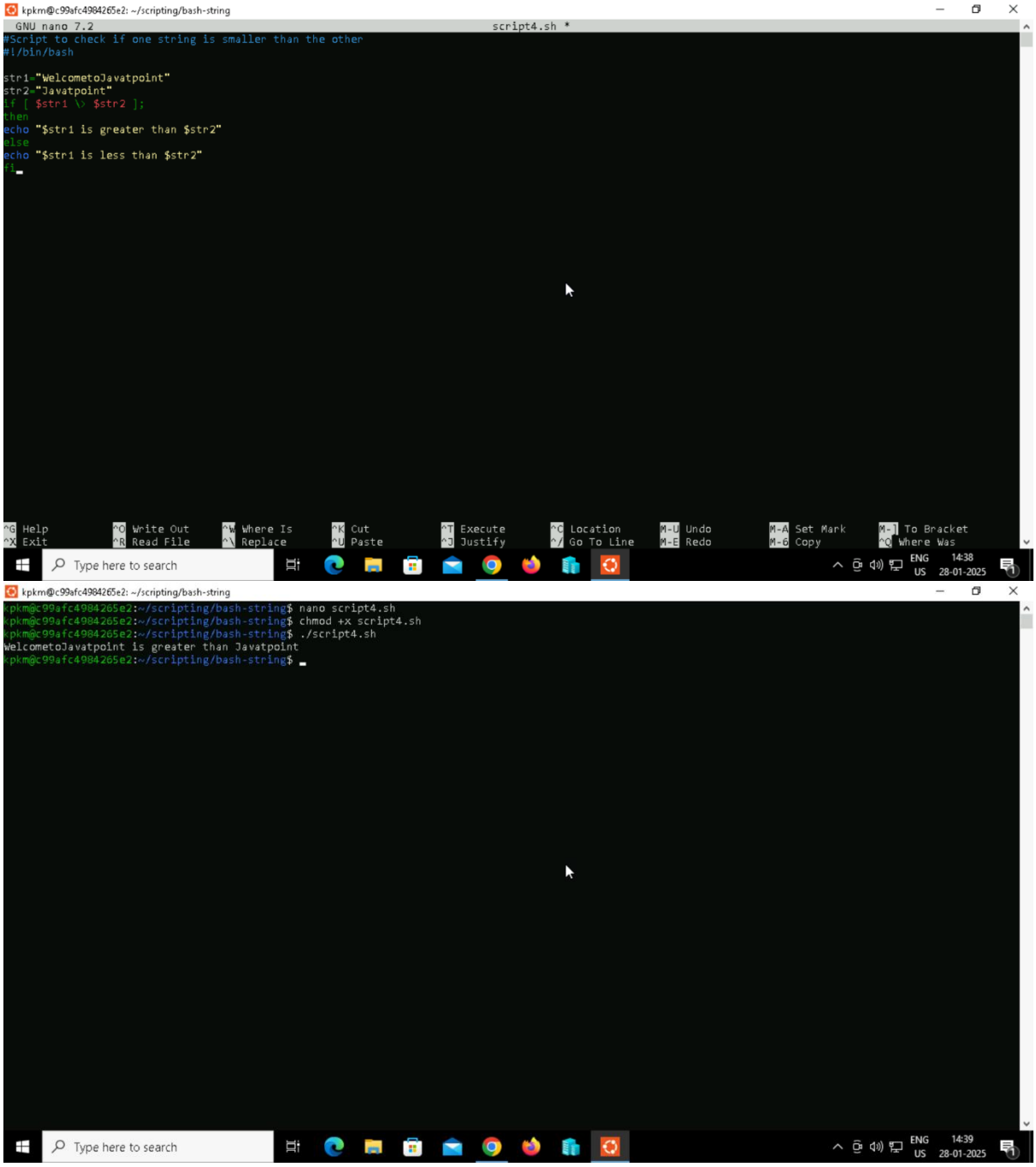


Q. Script to check whether two strings are equal

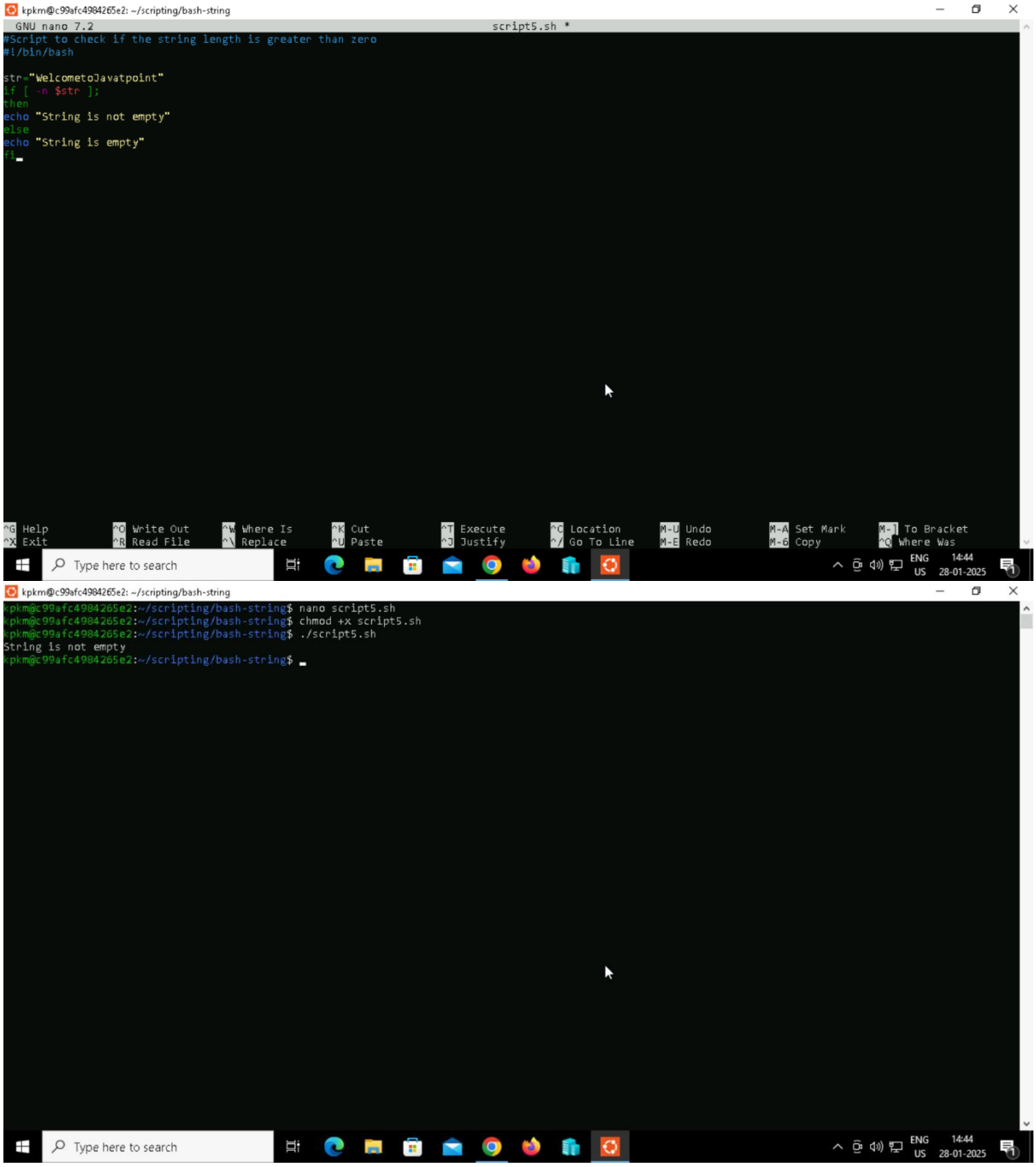




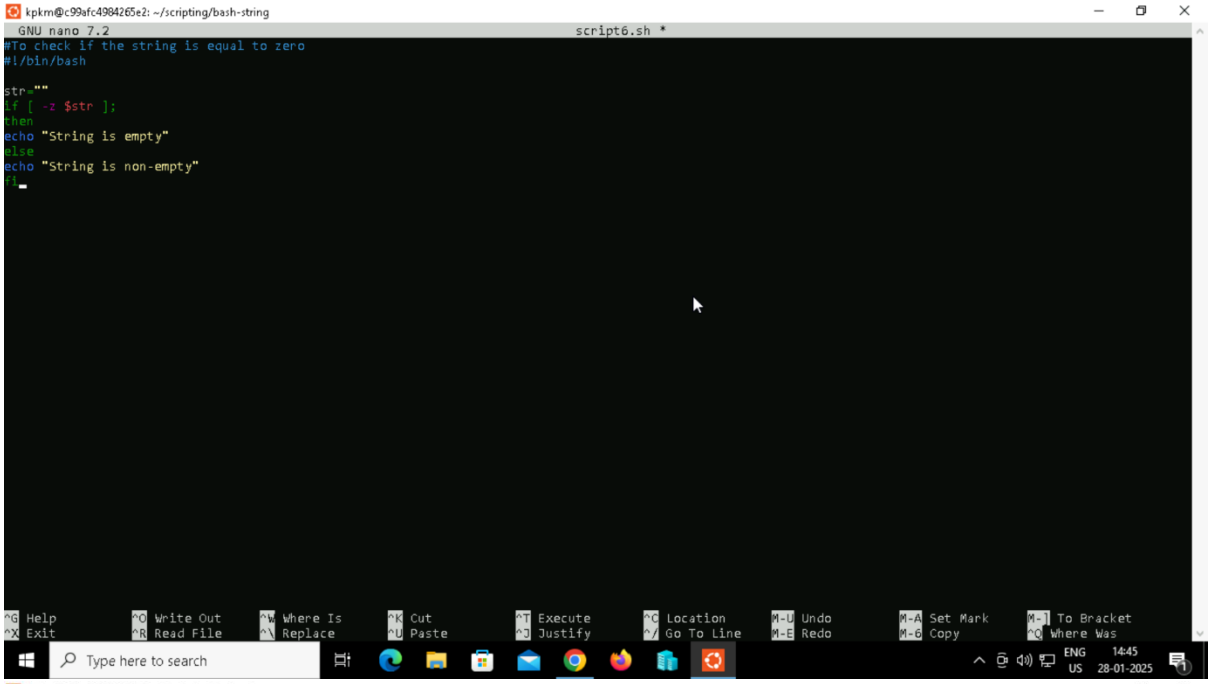
Q. Script to check whether two strings are equal

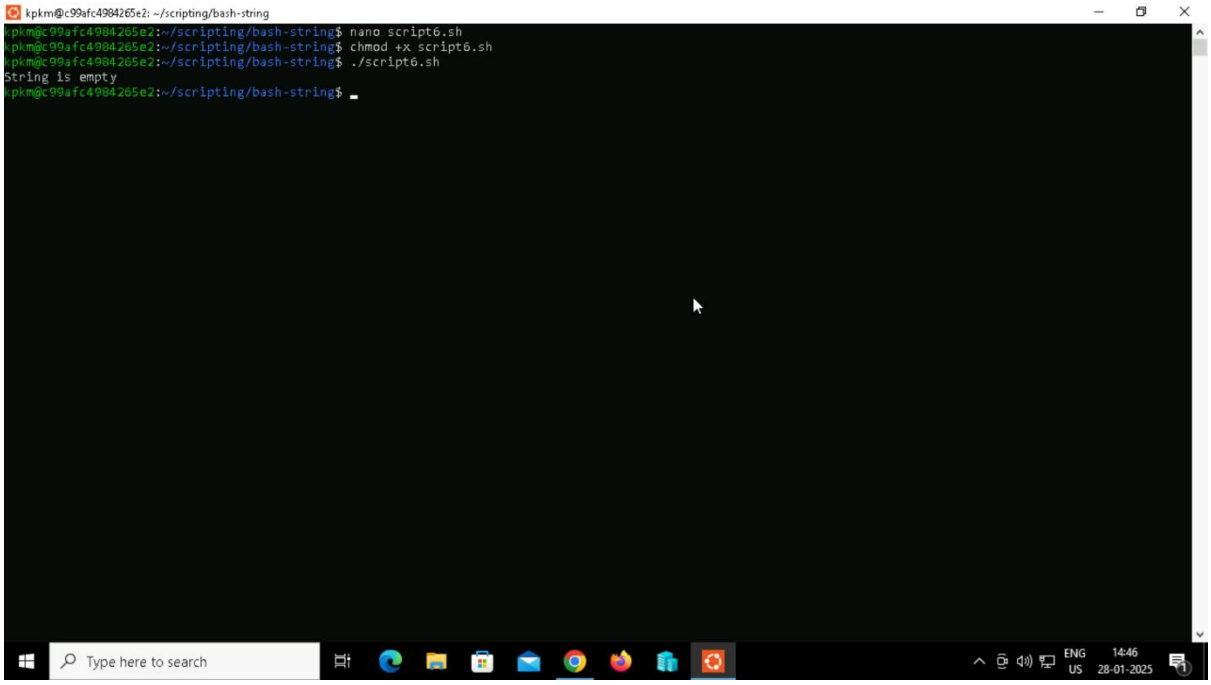


Q. Script to check whether two strings are equal



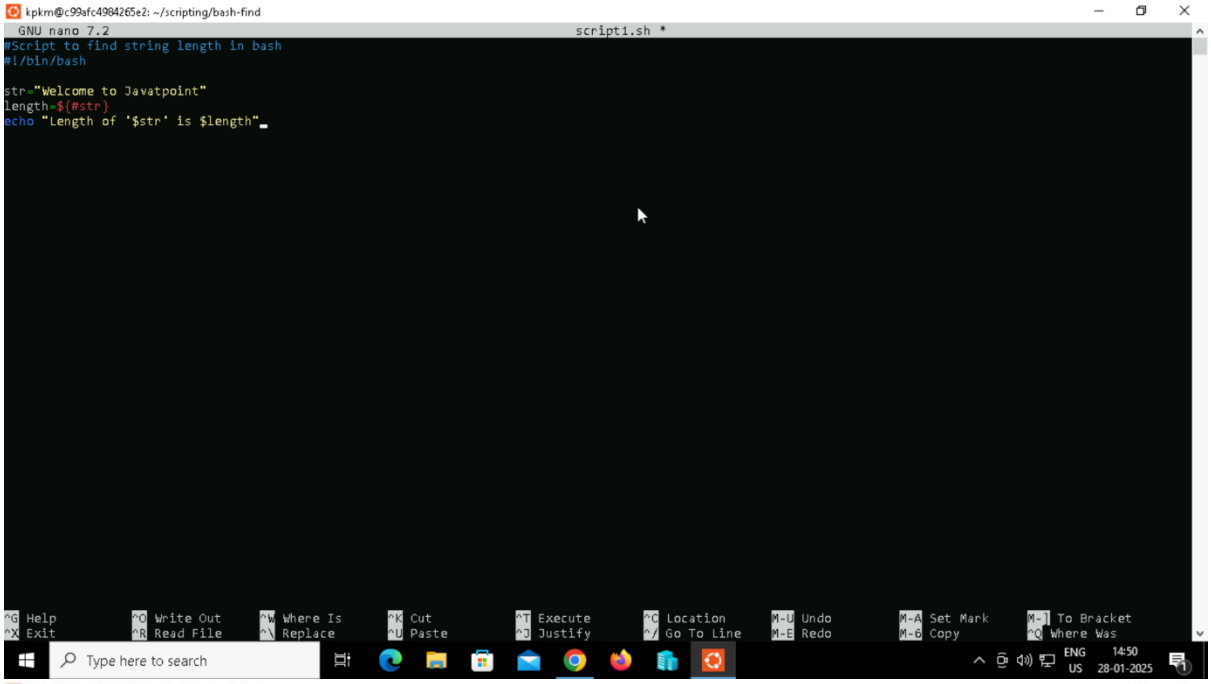
Q. Script to check whether two strings are equal

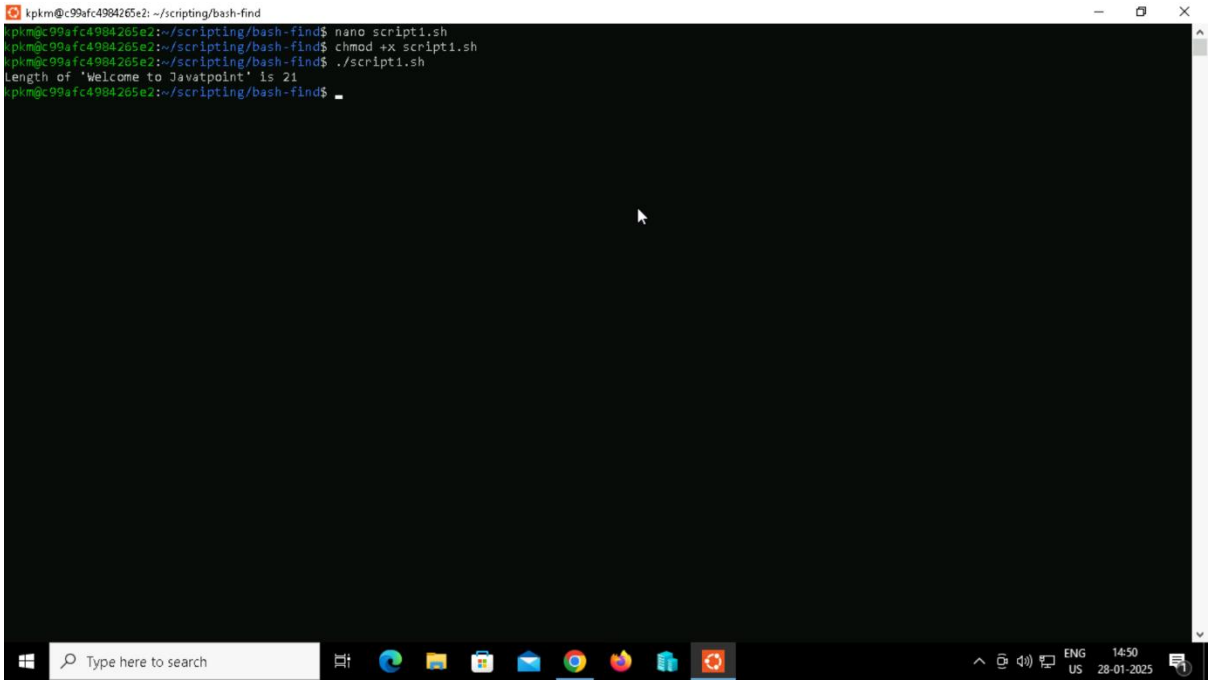




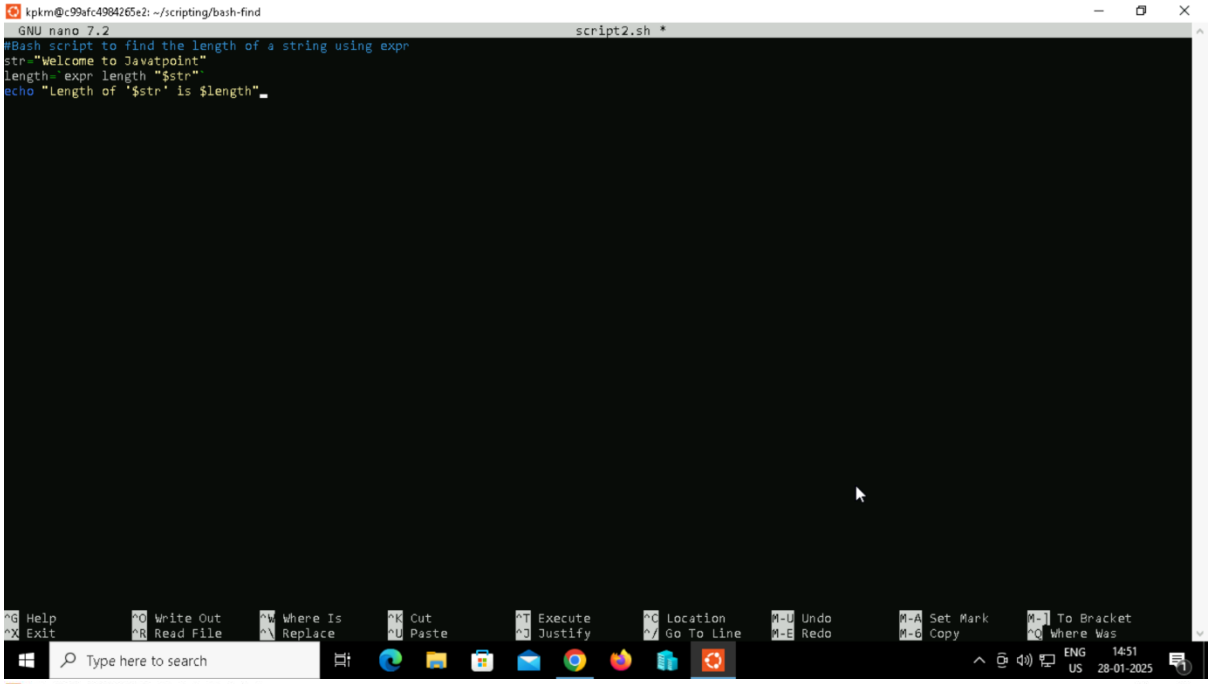
BASH Find

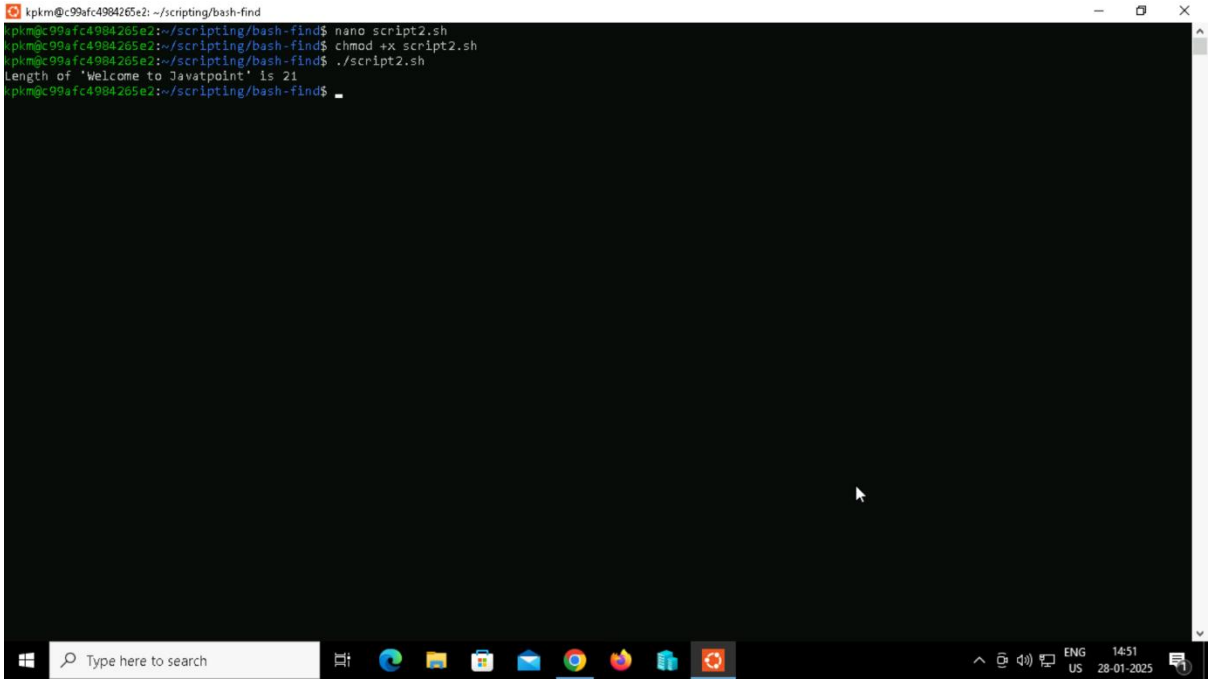
Q. Script to find the string length in bash



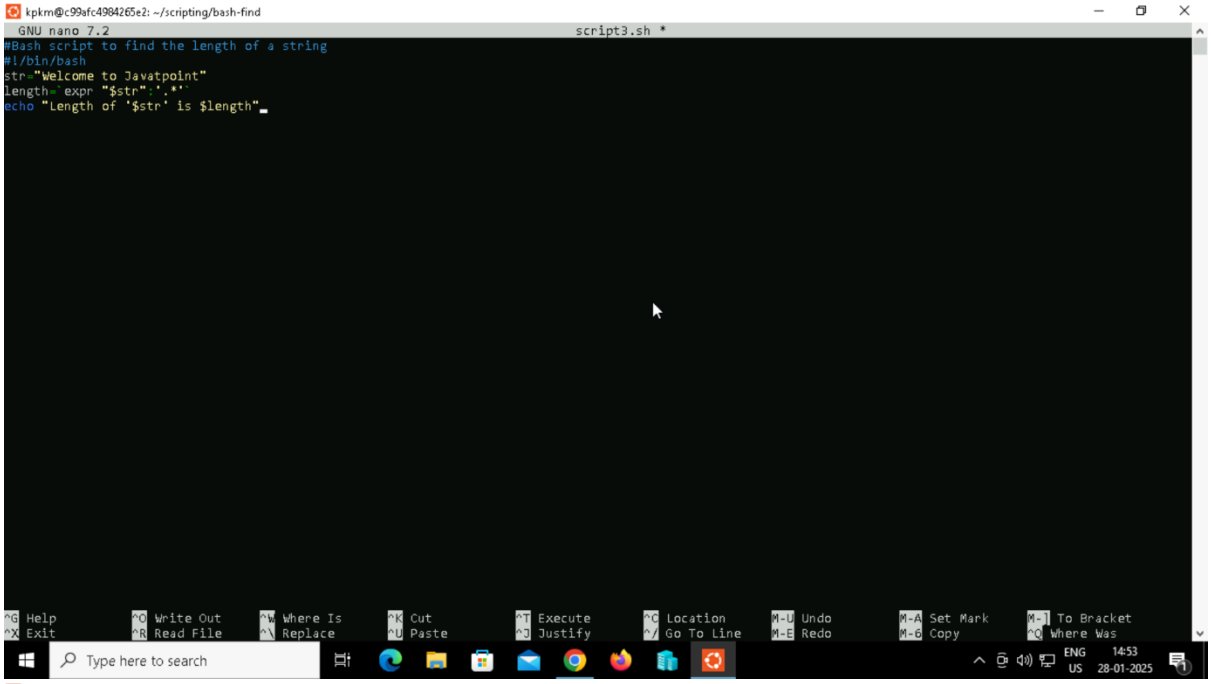


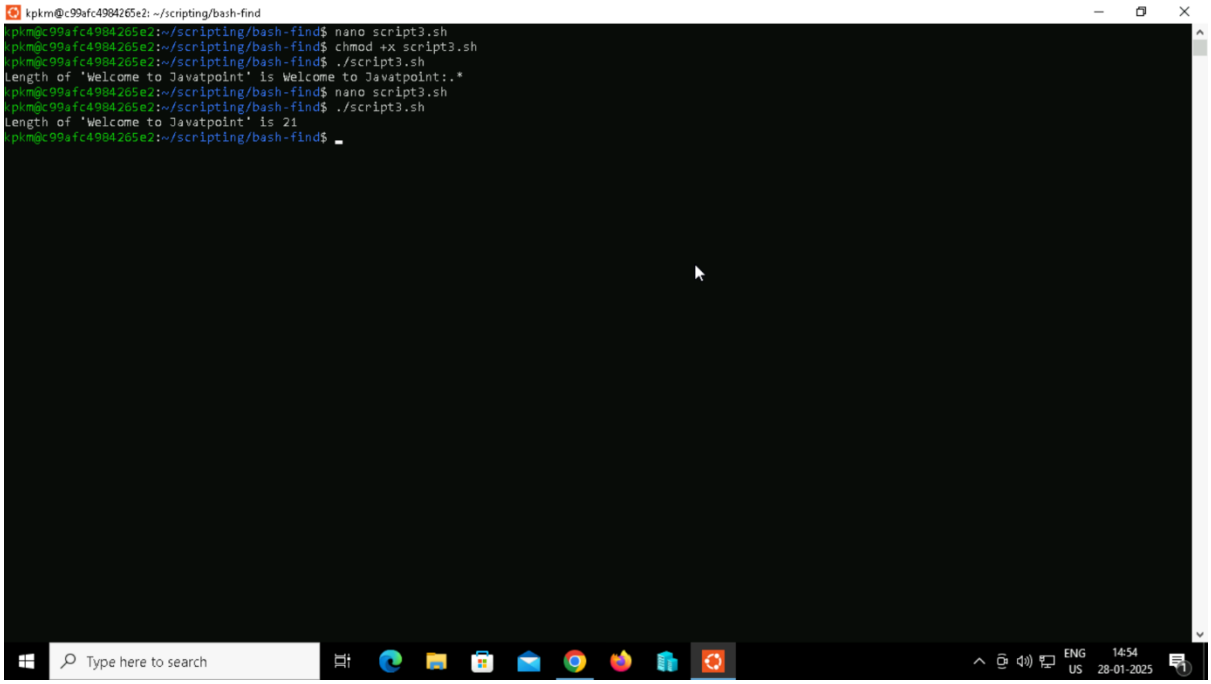
Q. Script to find the string length in bash



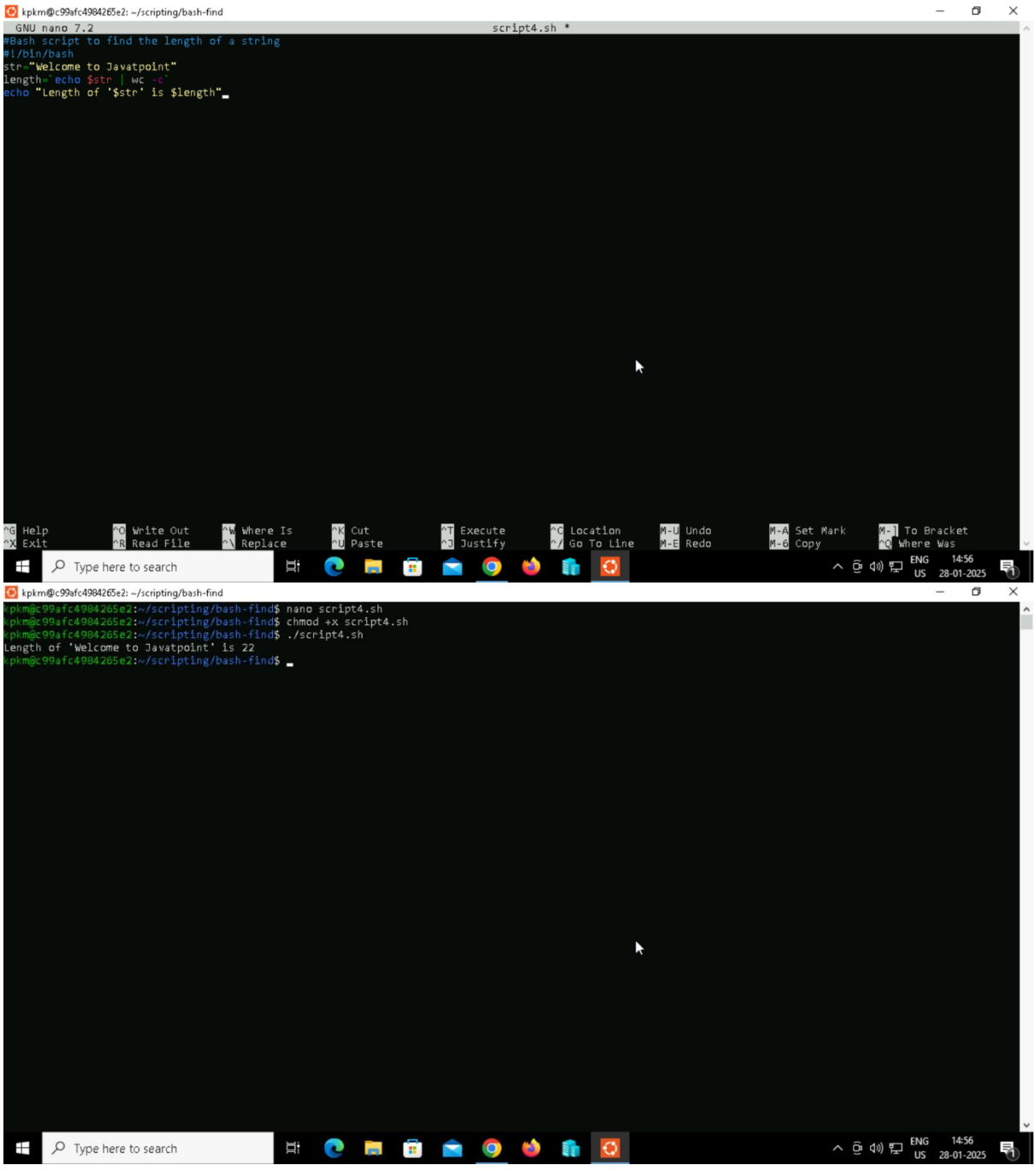


Q. Script to find the string length in bash

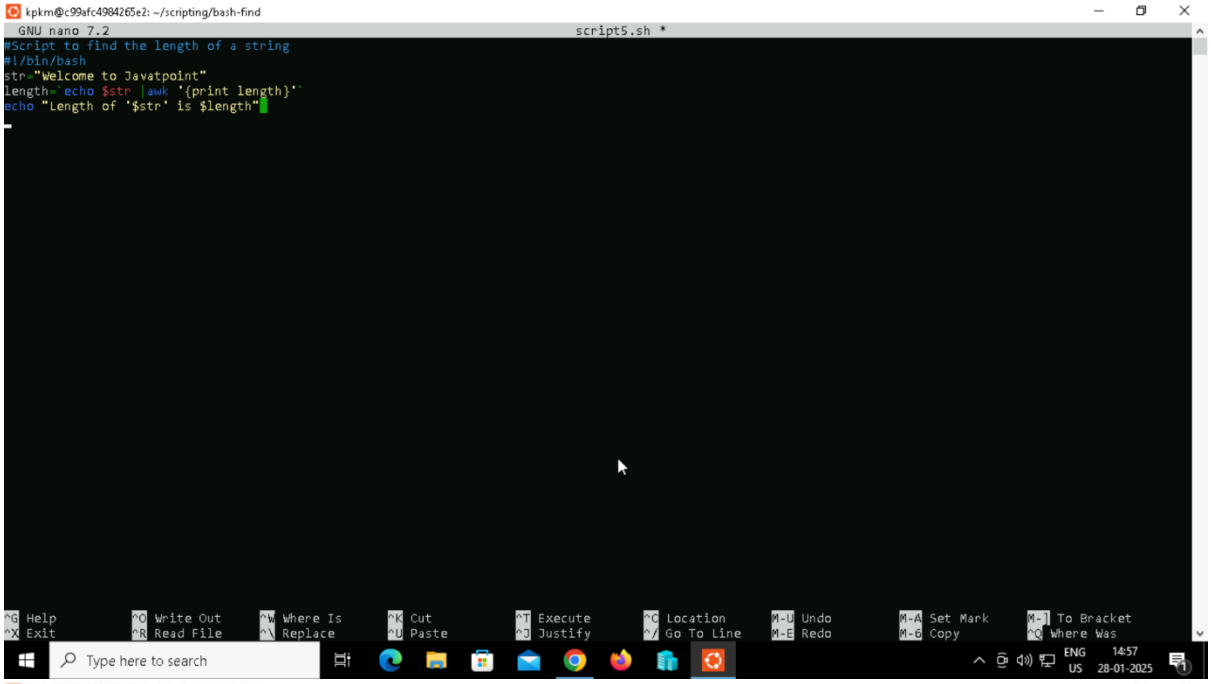


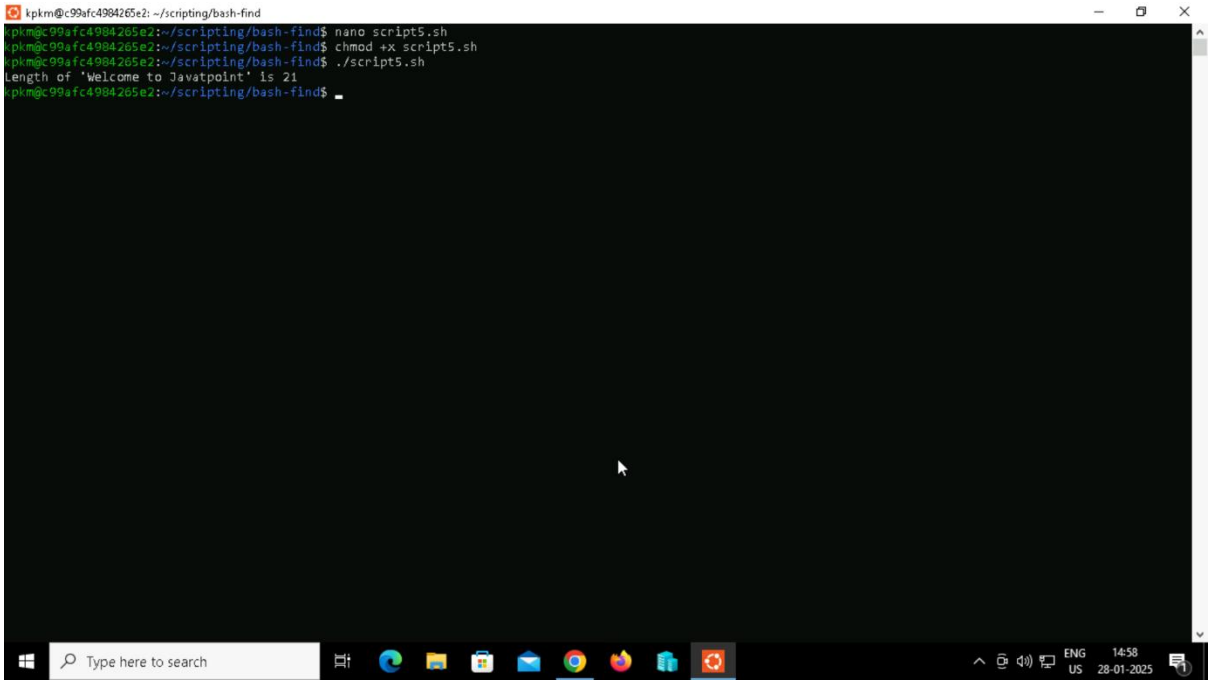


Q. Script to find the string length in bash



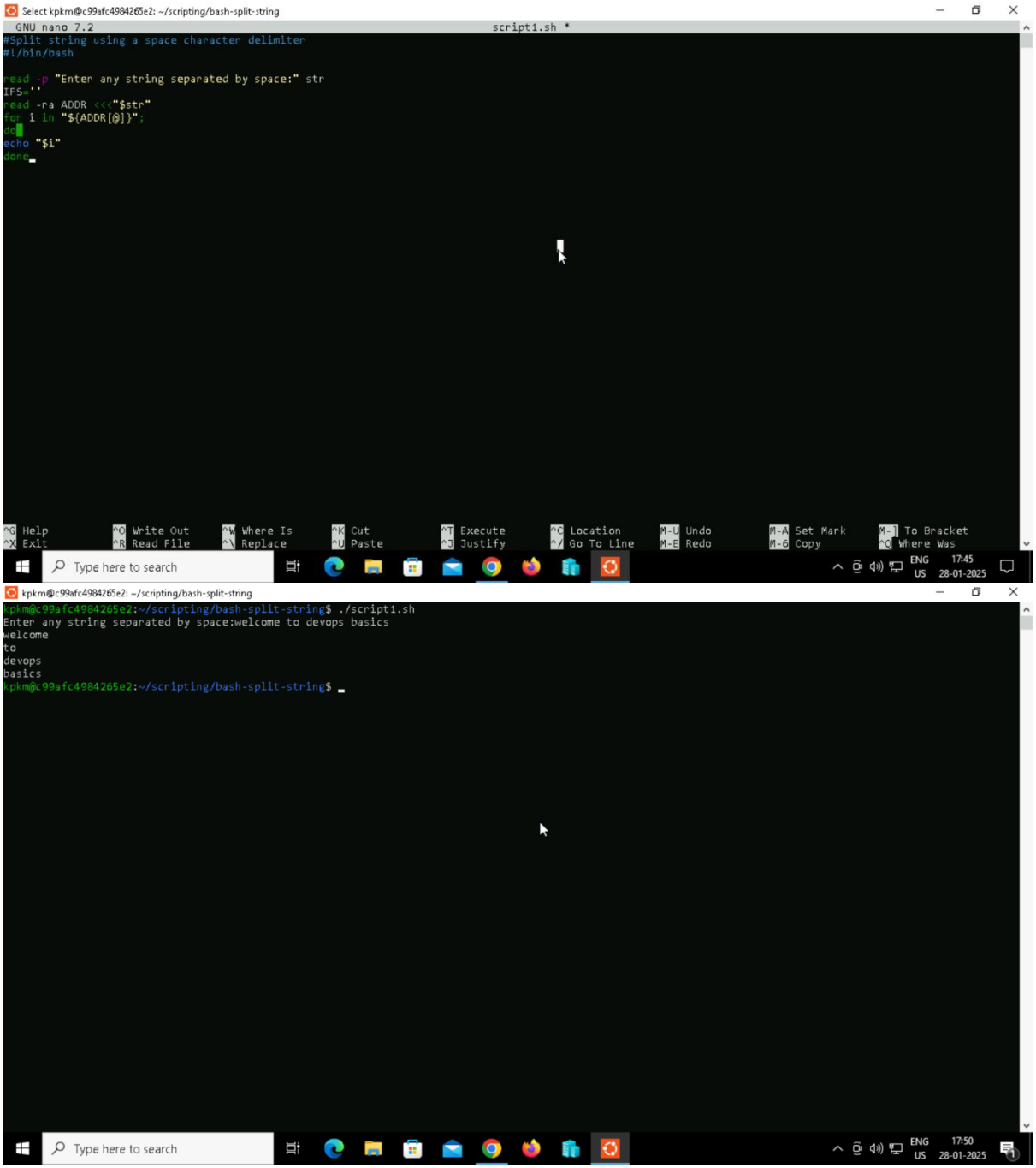
Q. Script to find the string length in bash



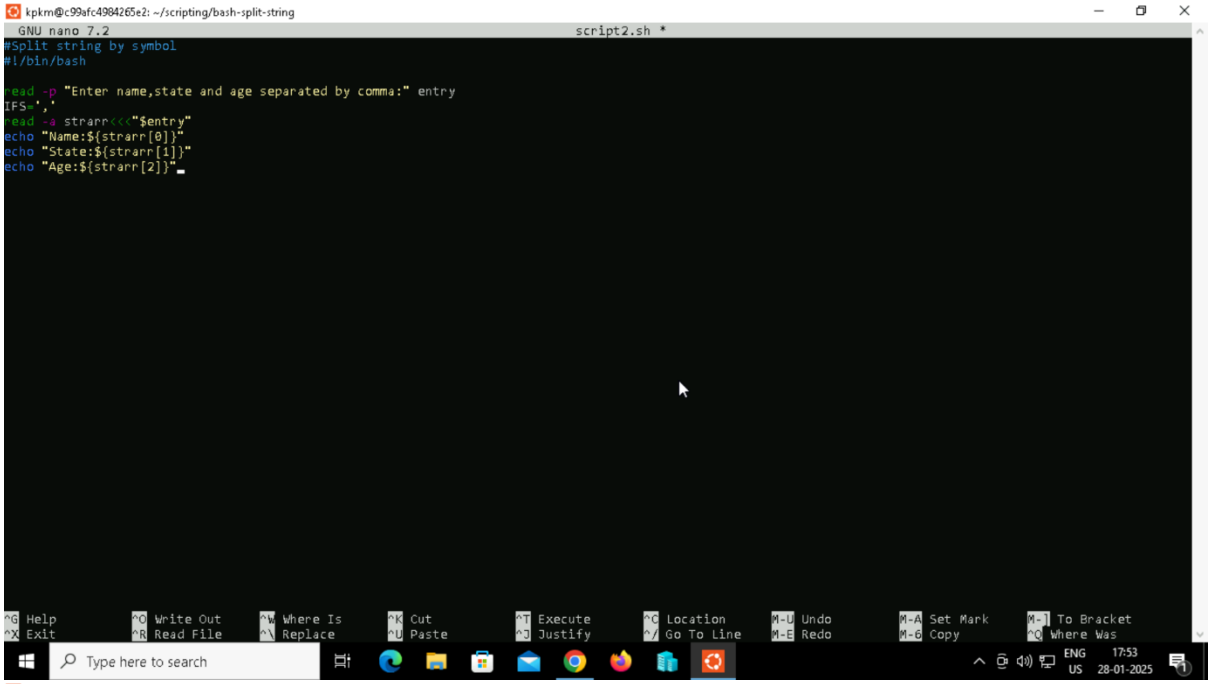


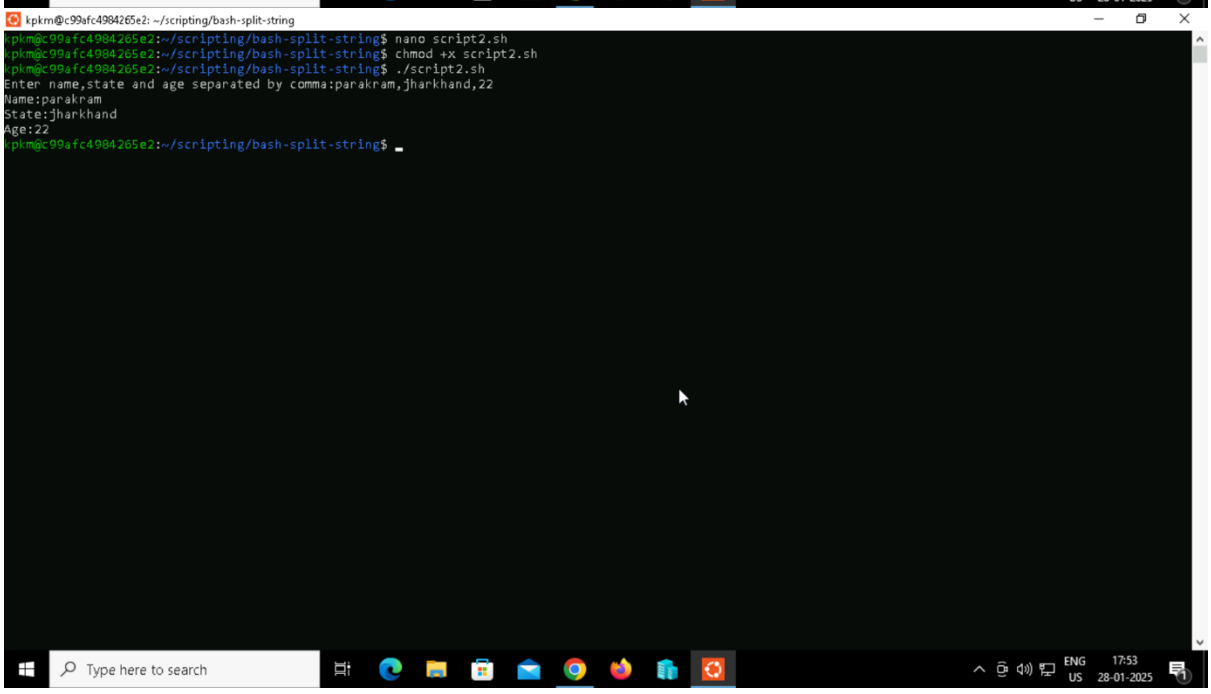
BASH String Split

Q. Split string using a space character delimiter

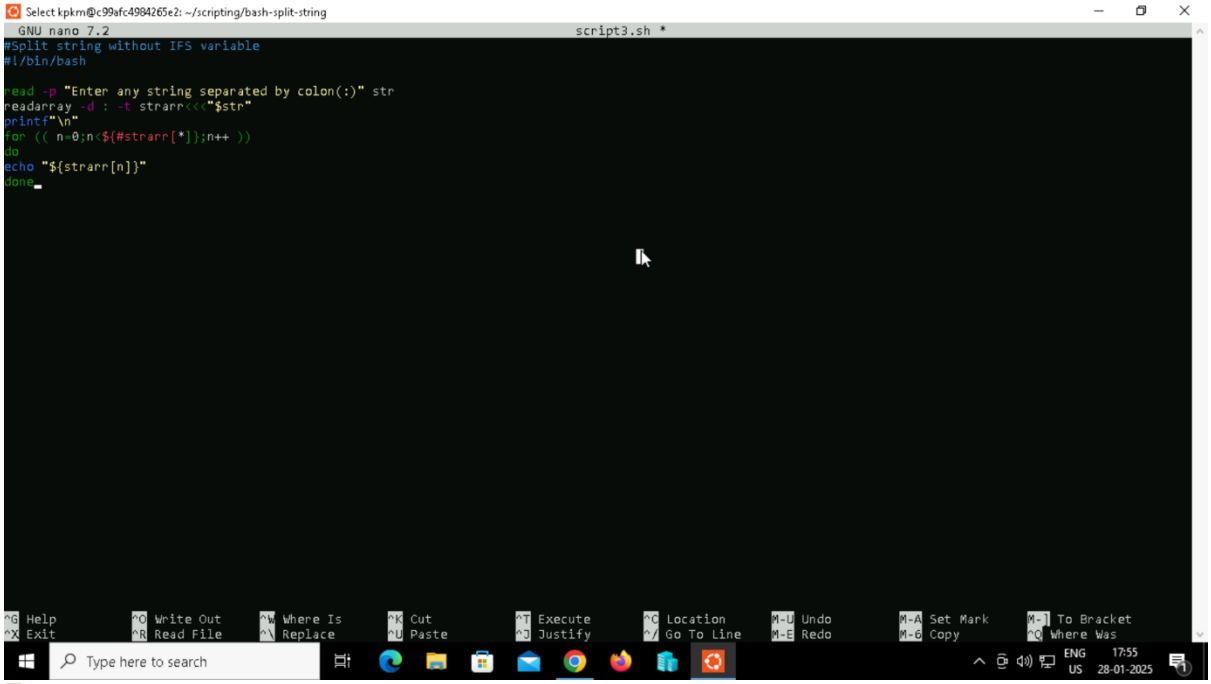


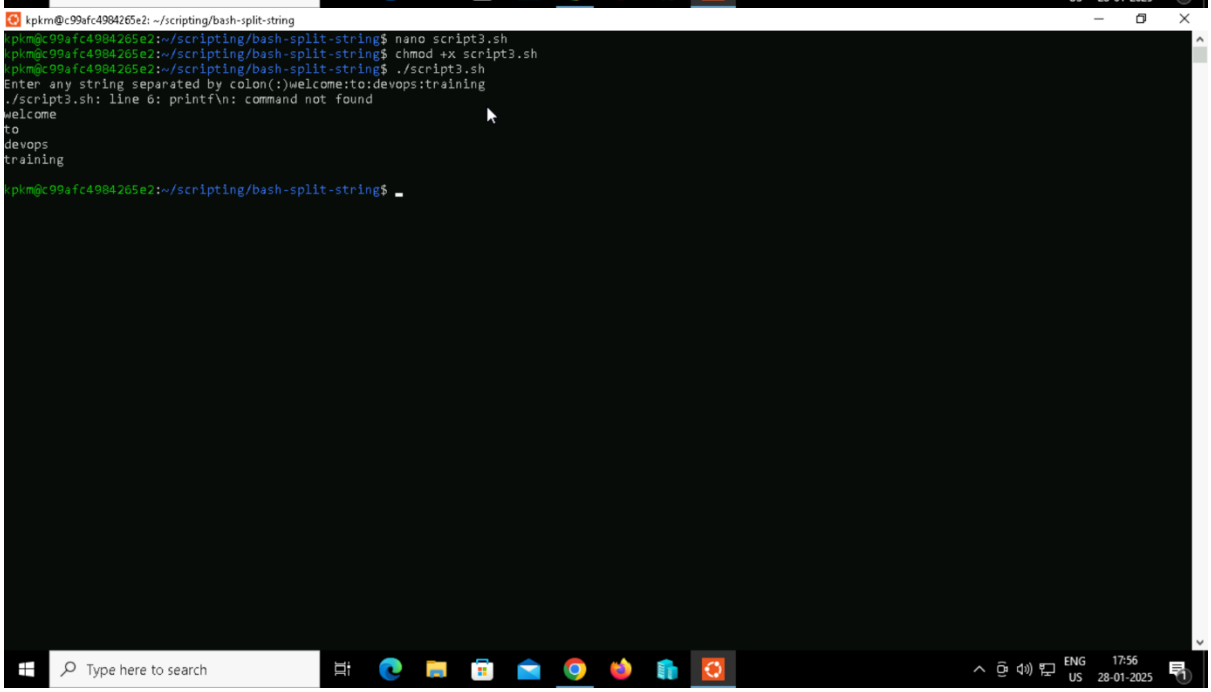
Q. Split string by symbol



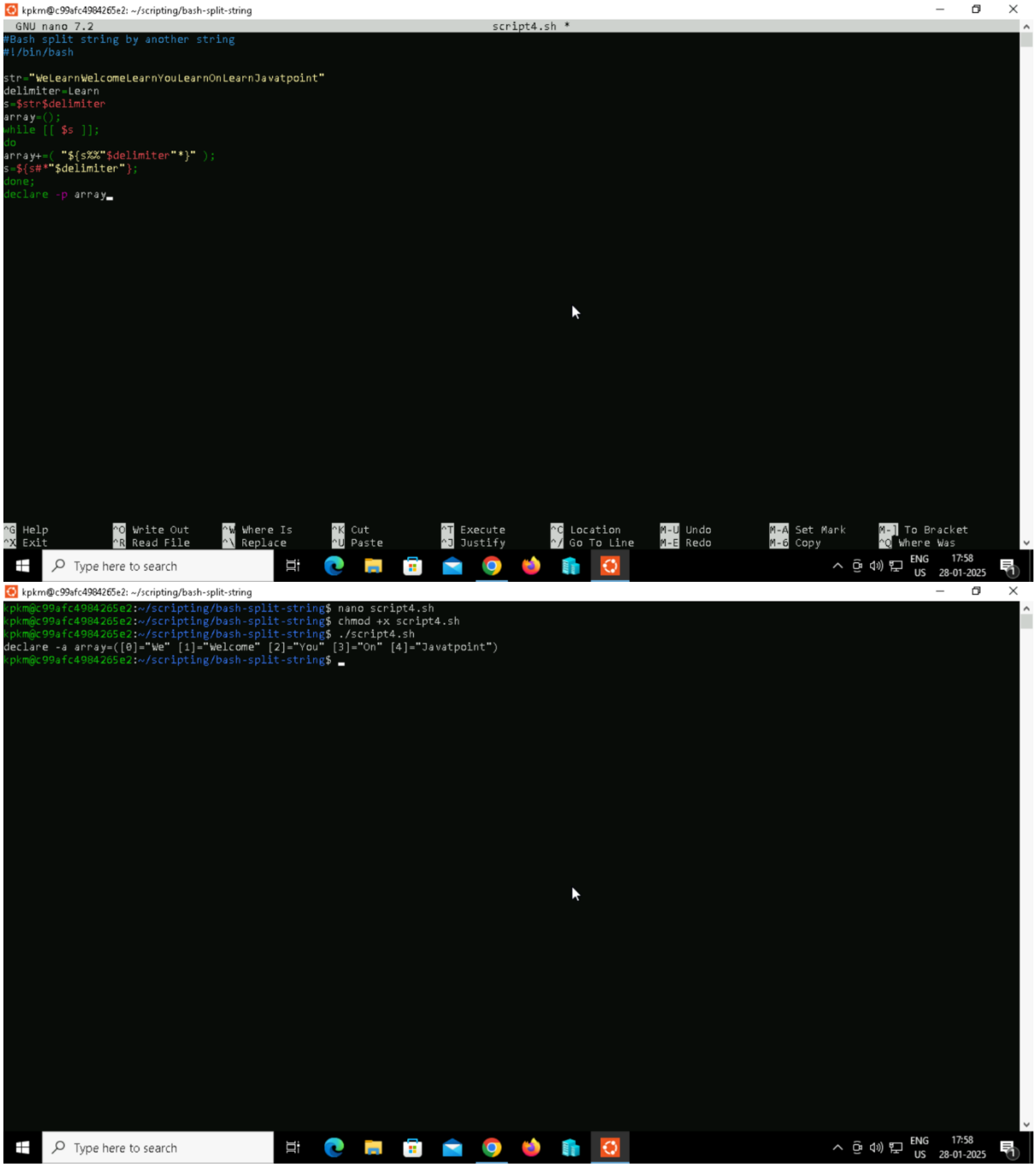


Q. Split string without IFS variable

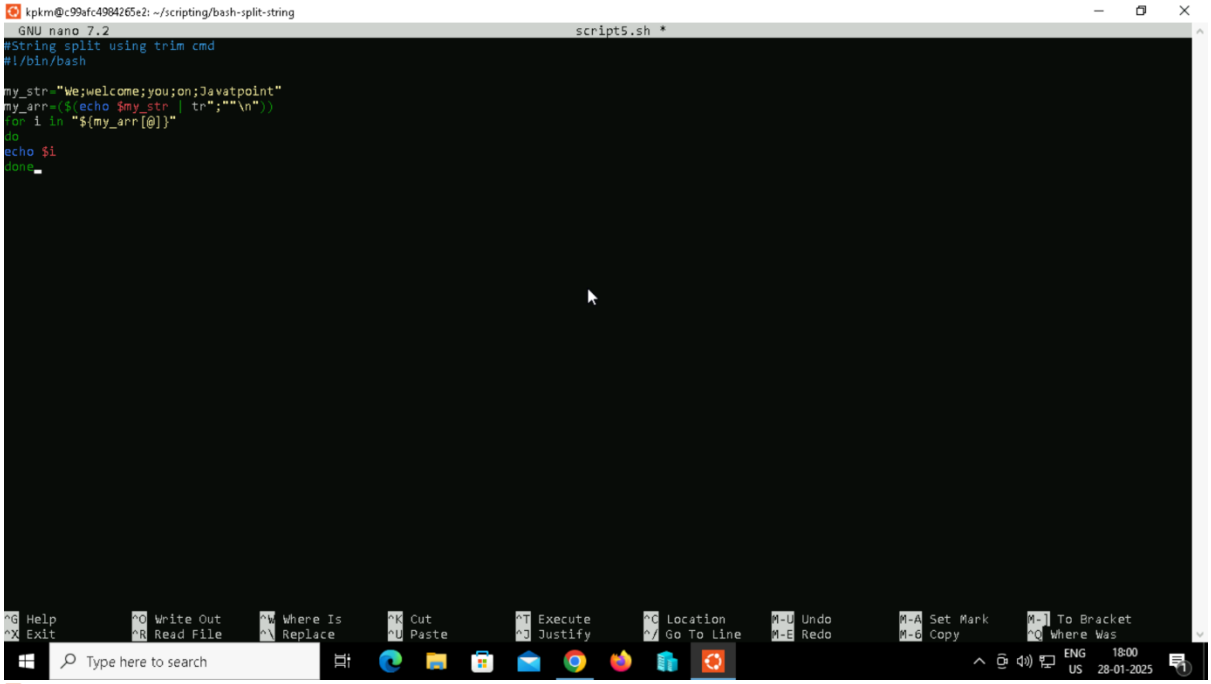


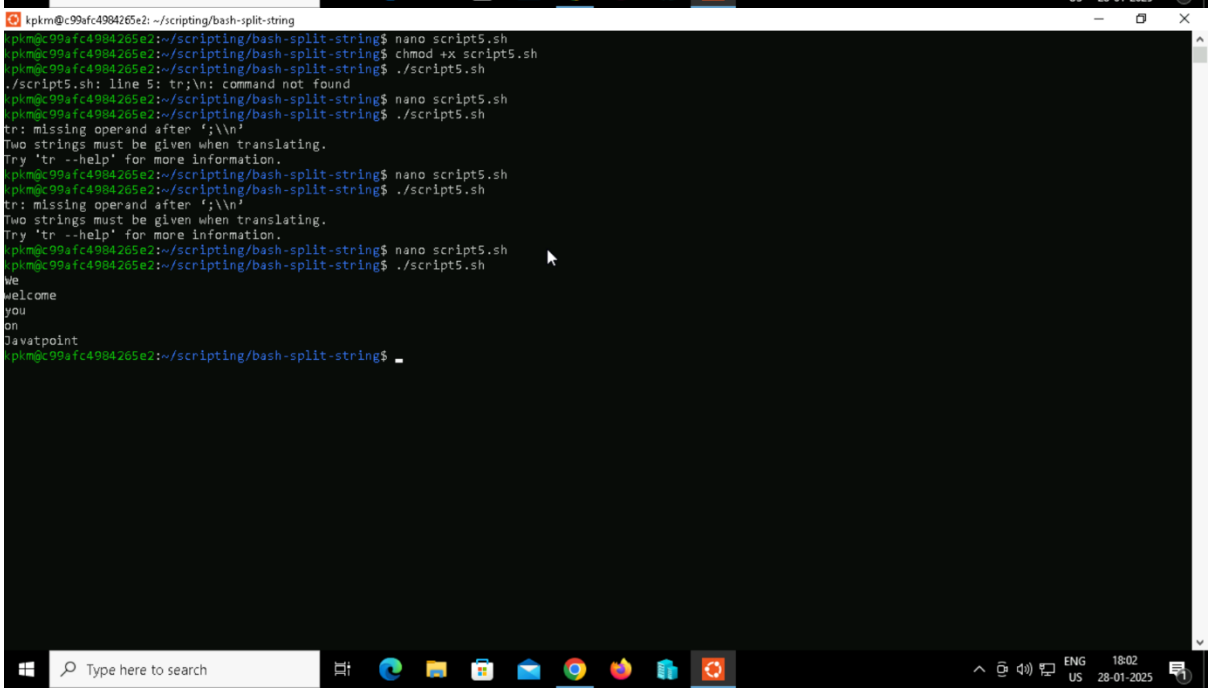


Q. Split string by another string



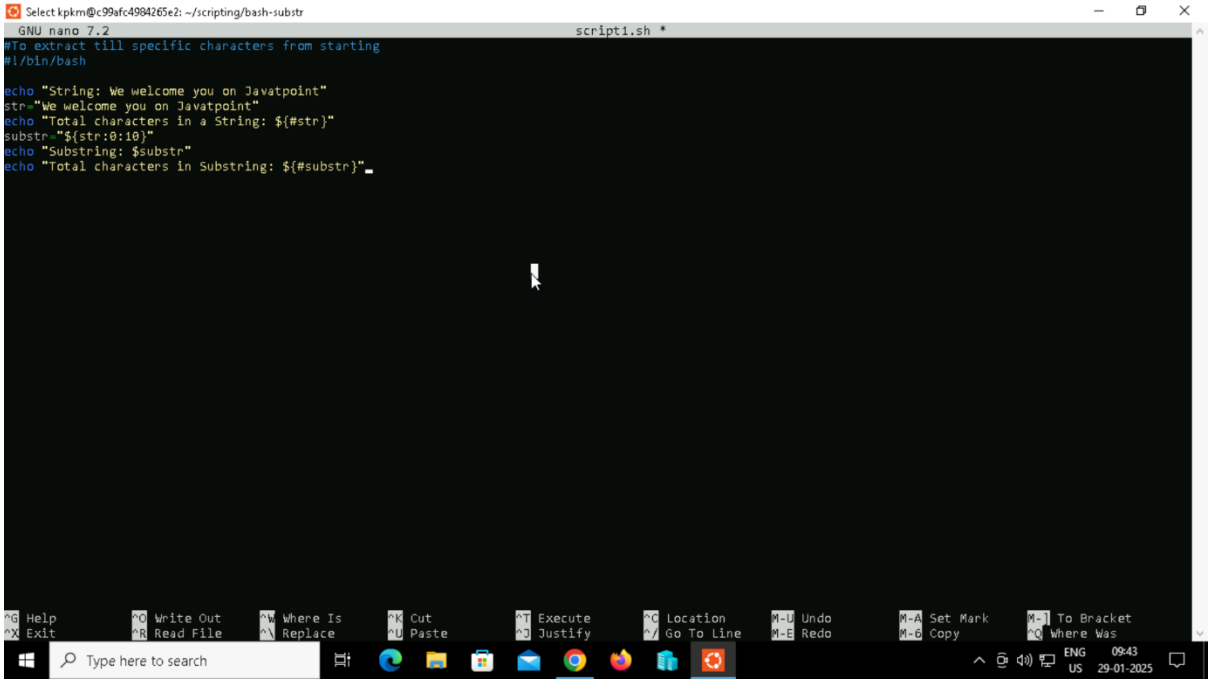
Q. String split using trim cmd

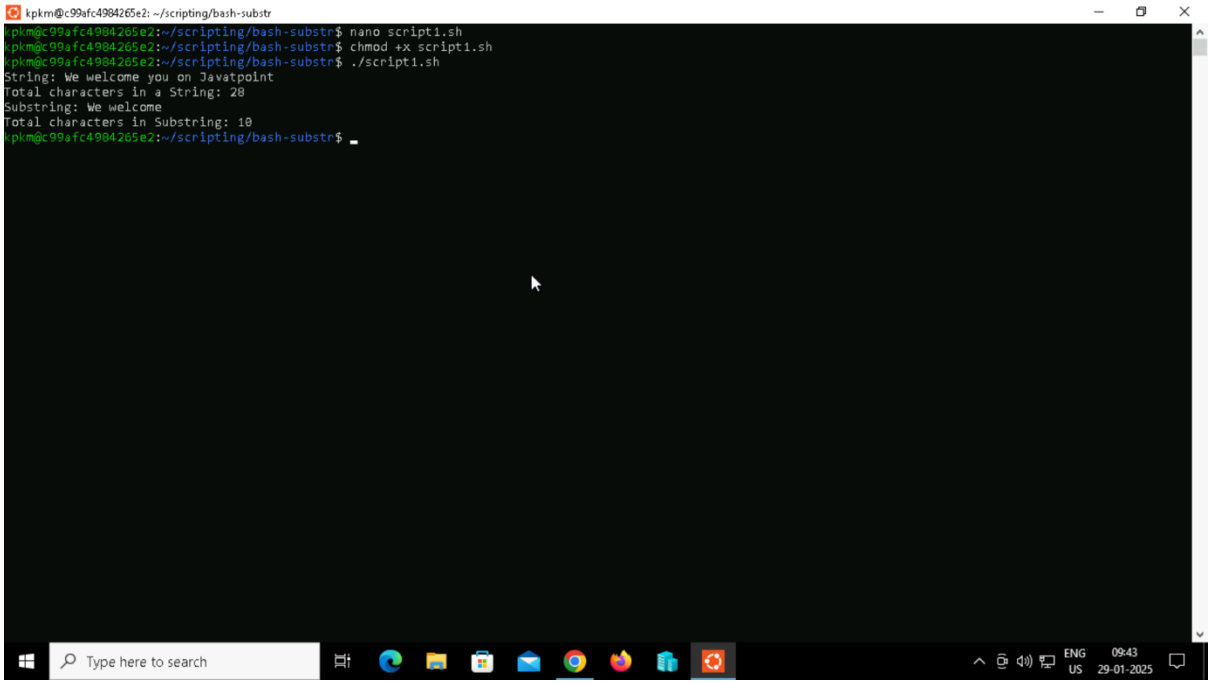




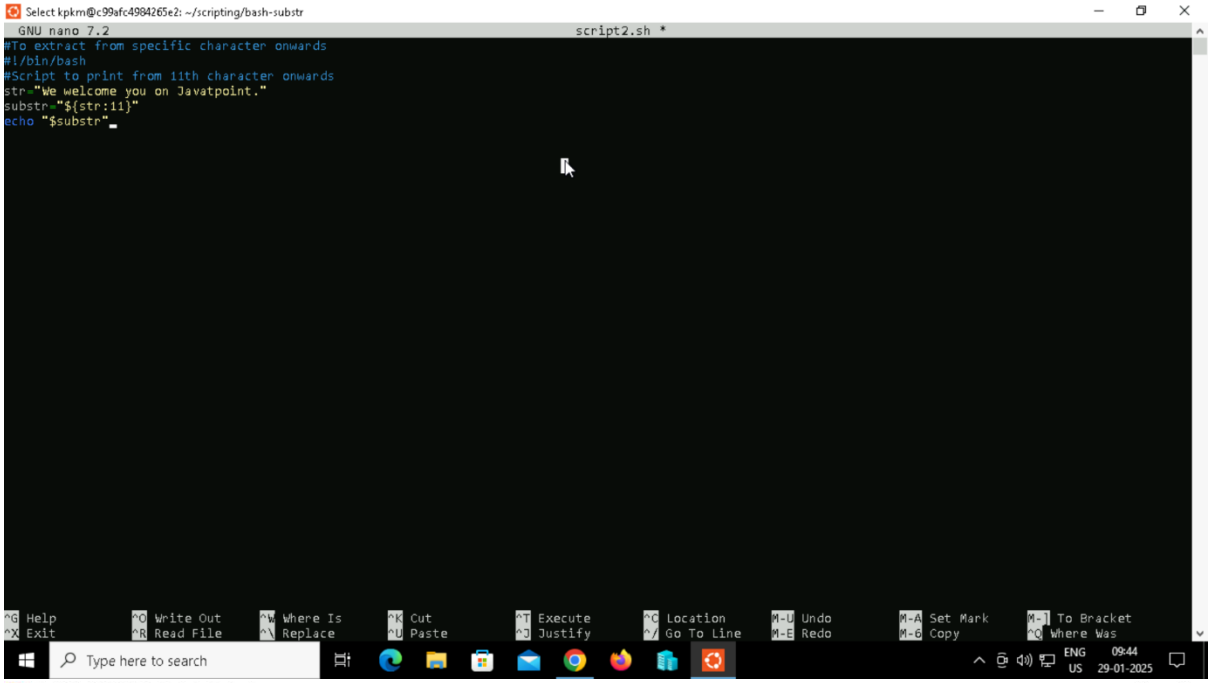
BASH Substring

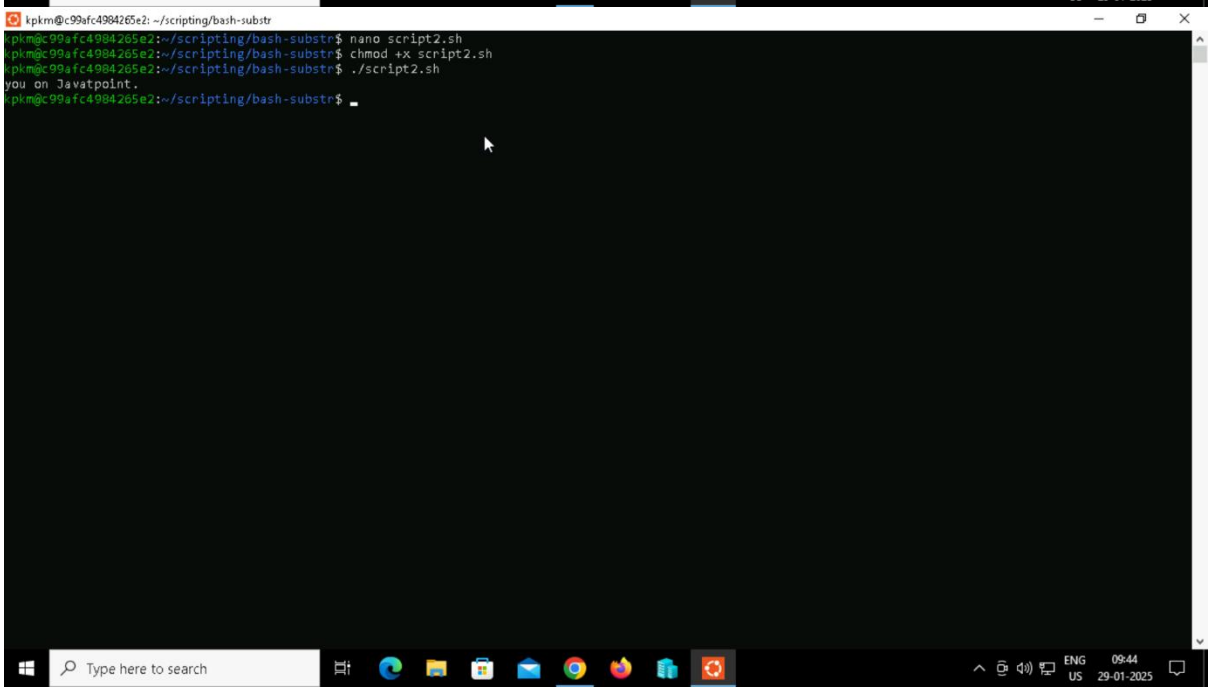
Q. Script to extract characters from list



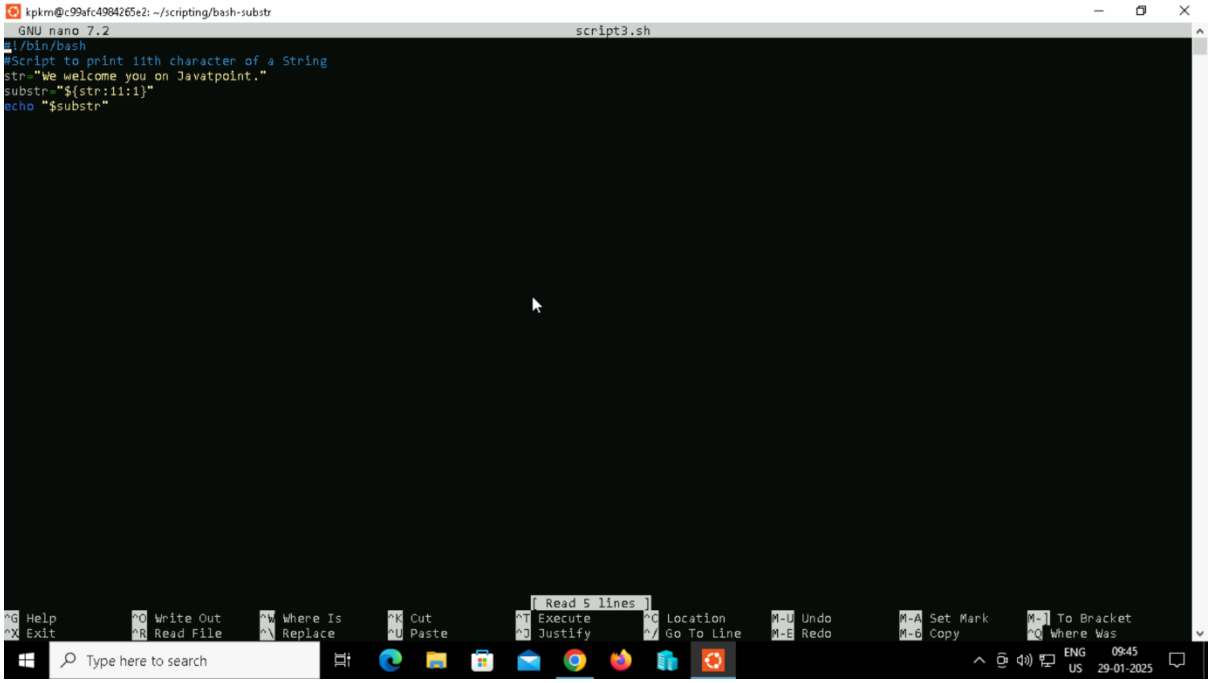


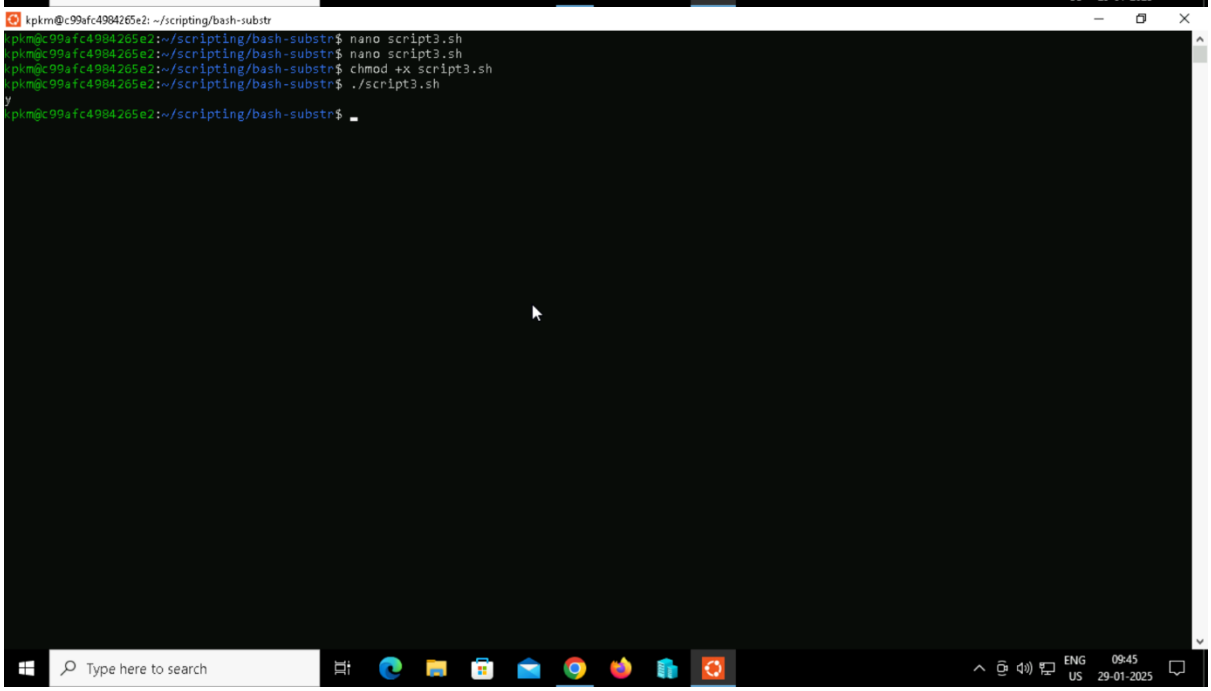
Q. Script to extract characters from list



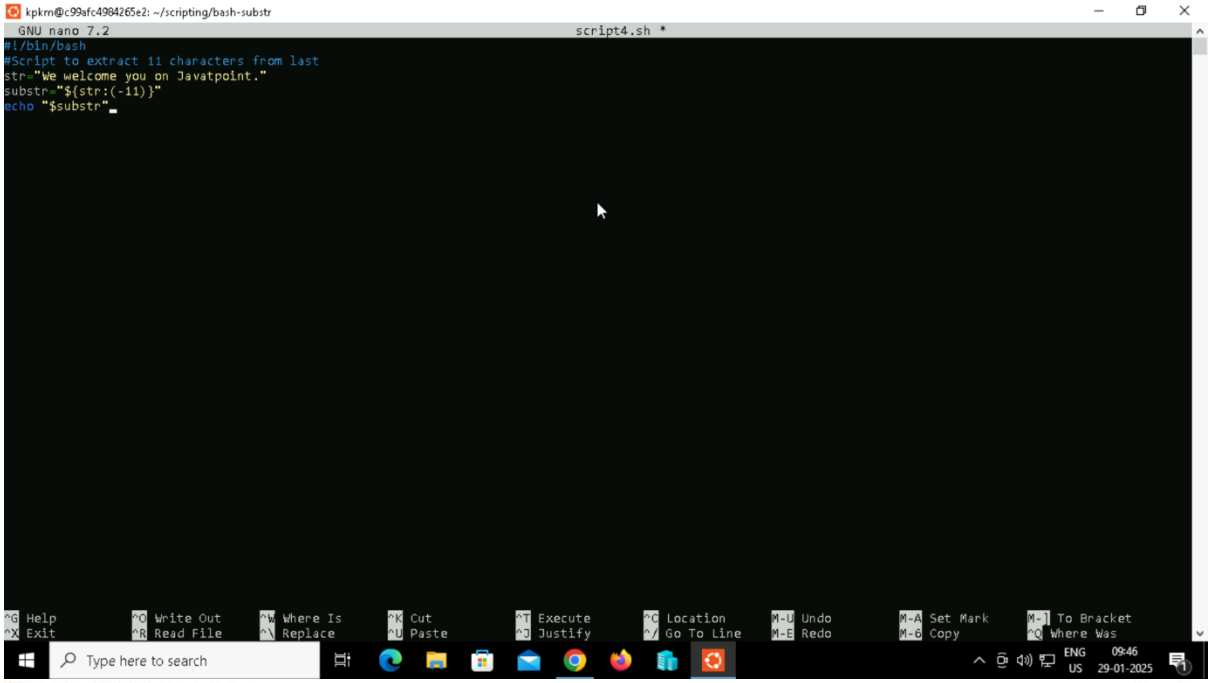


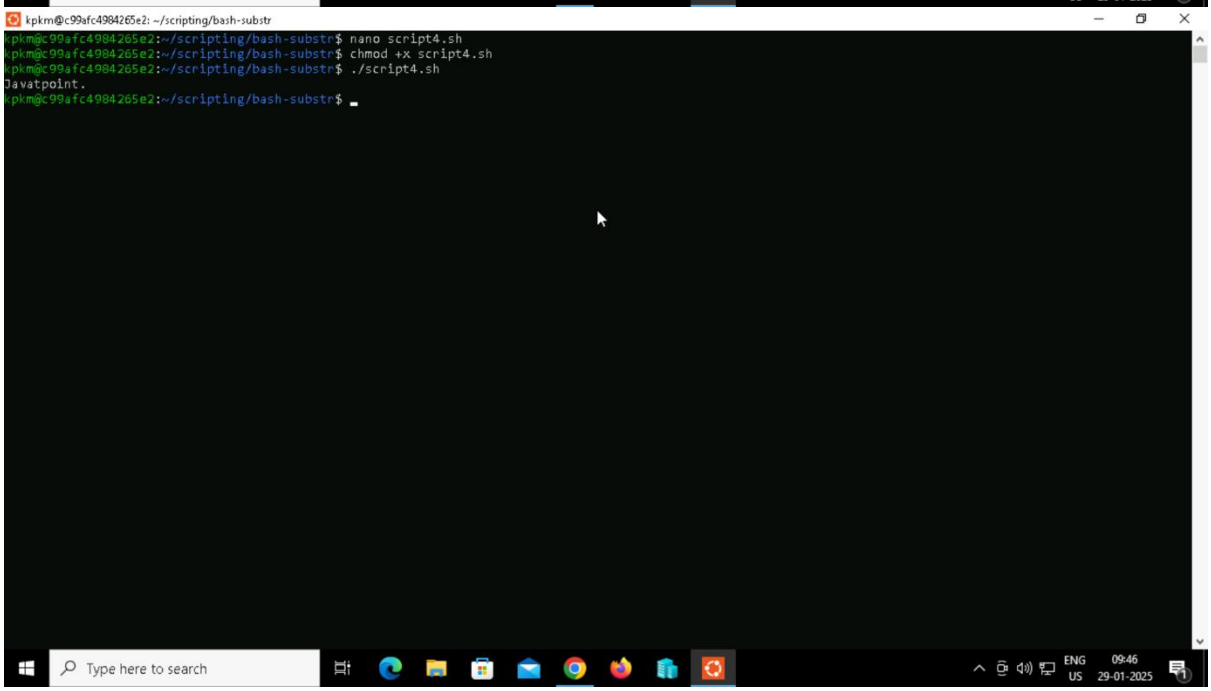
Q. . Script to extract characters from list





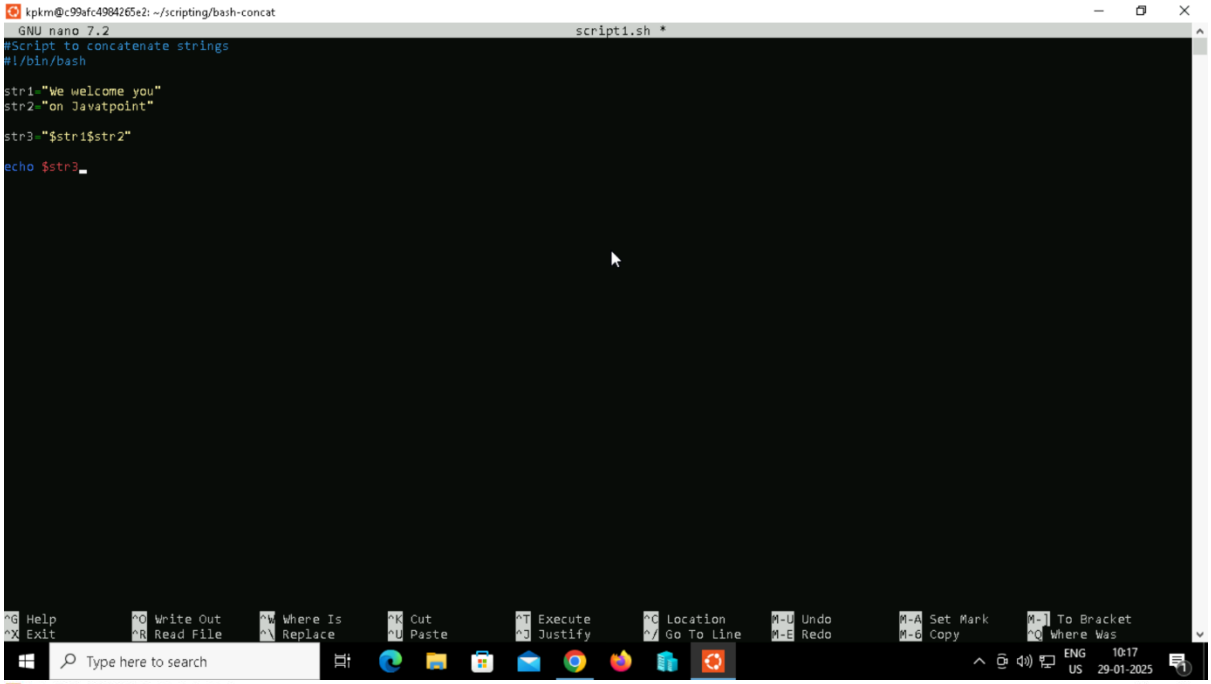
Q. Script to extract characters from list

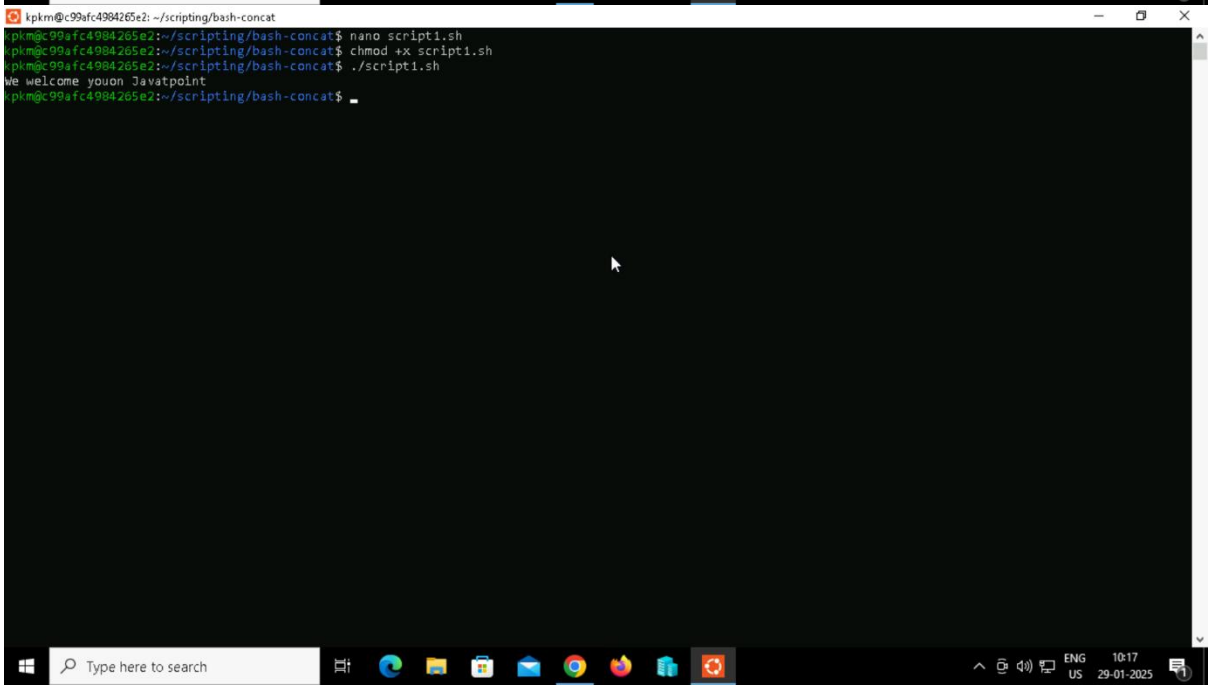




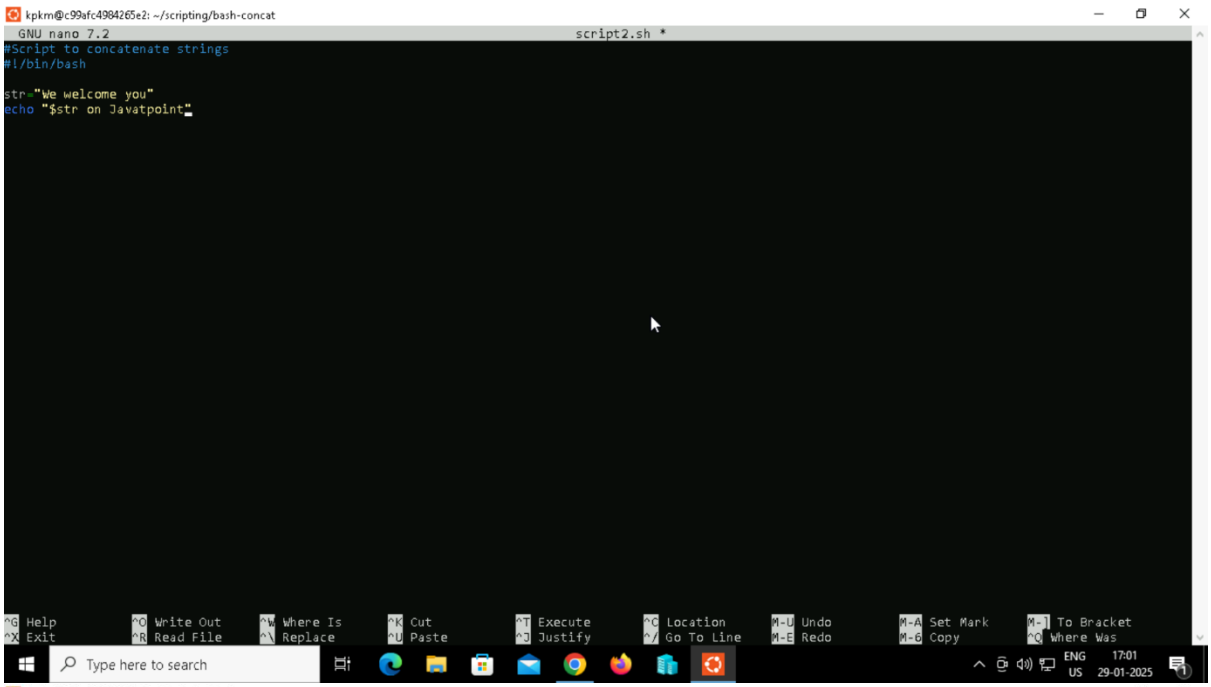
BASH String Concat

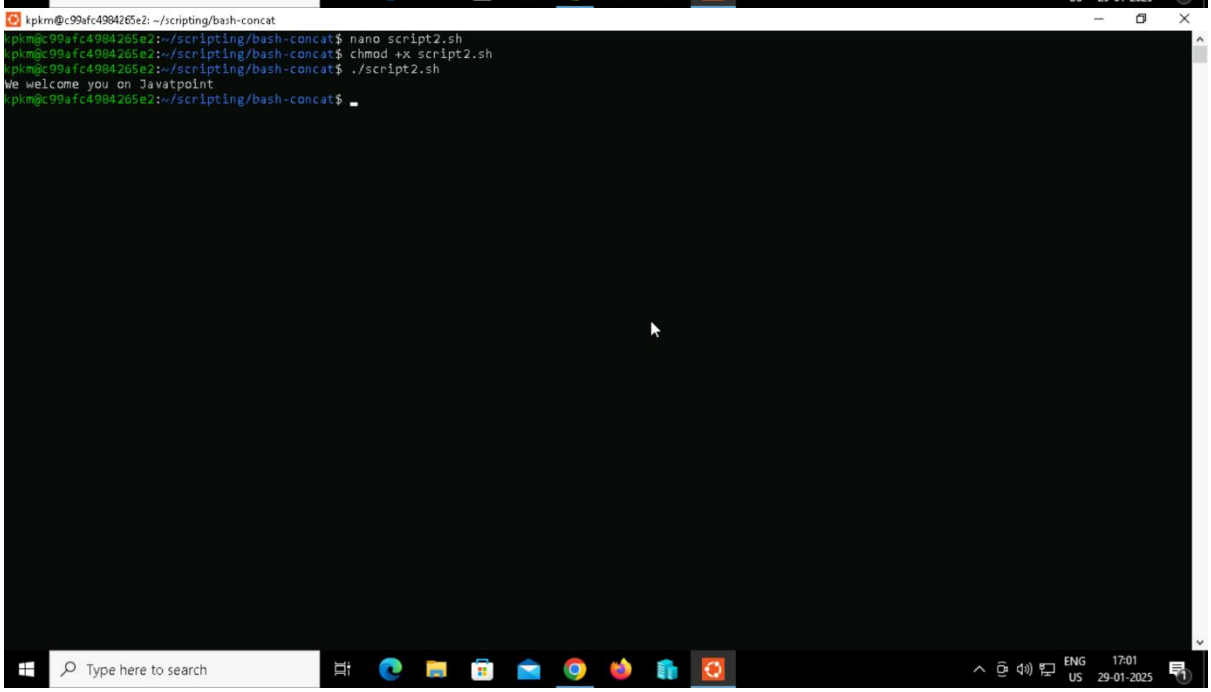
Q. Script to concatenate strings



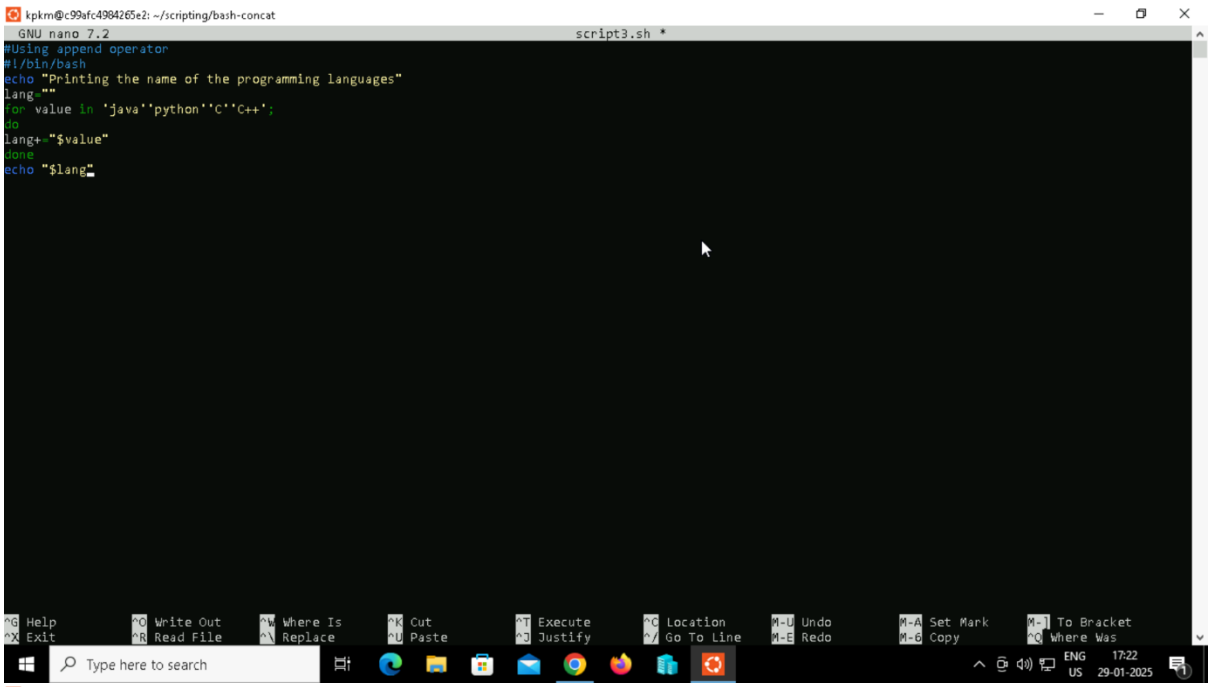


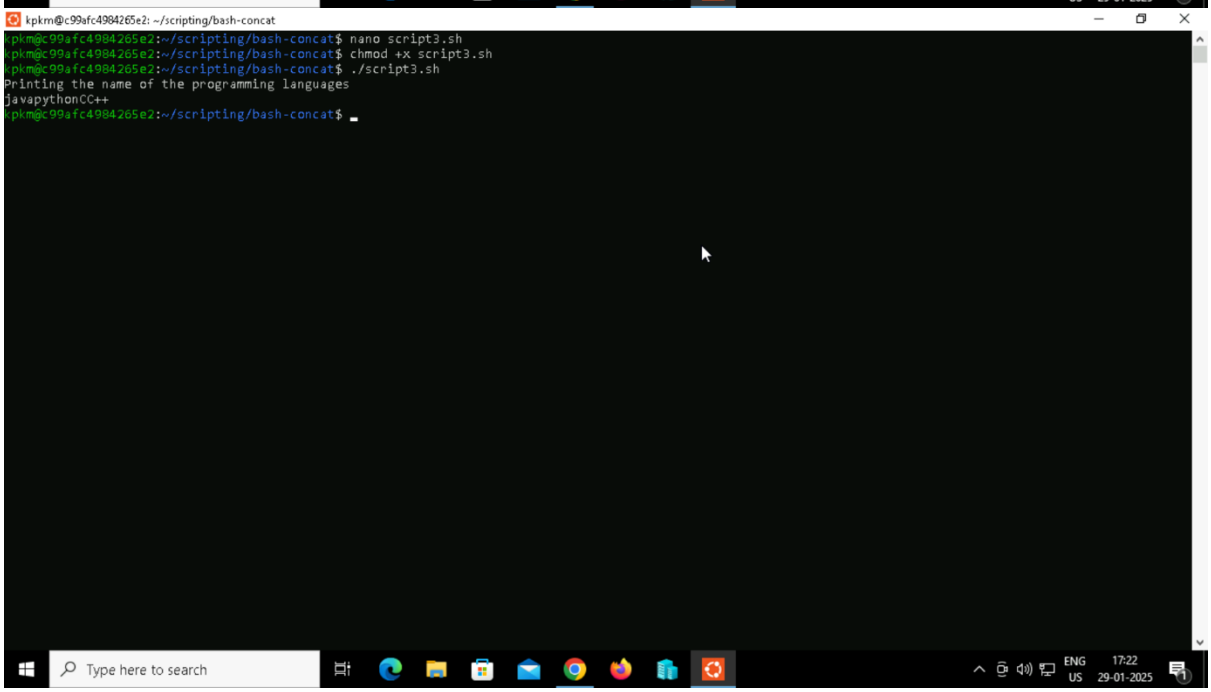
Q.


kpkm@c99afc4984265e2: ~/scripting/bash-concat
GNU nano 7.2 script2.sh *
#Script to concatenate strings
#!/bin/bash
str="We welcome you"
echo "$str on Javatpoint"
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US
17:01 29-01-2025

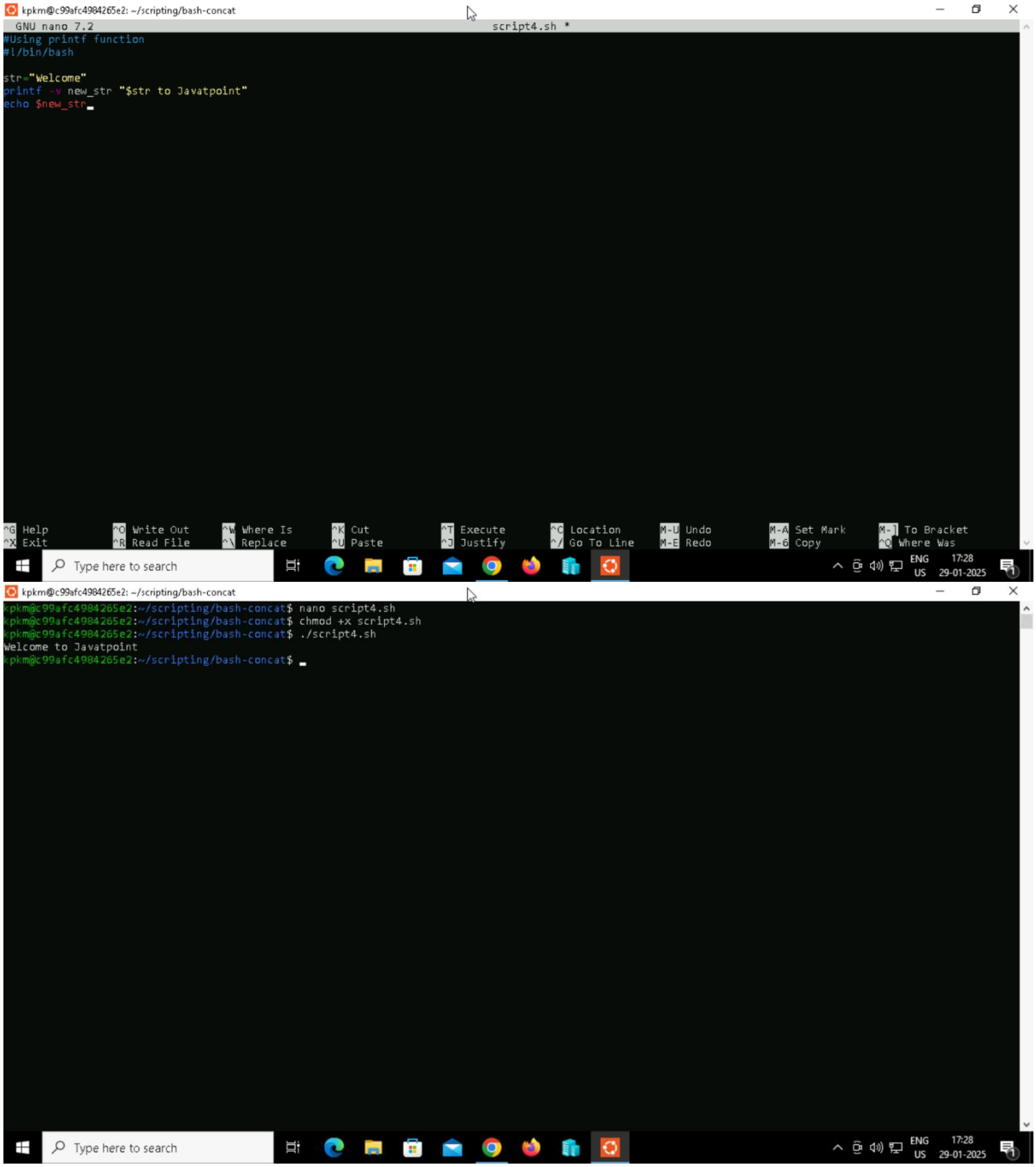

kpkm@c99afc4984265e2: ~/scripting/bash-concat
kpkm@c99afc4984265e2:~/scripting/bash-concat$ nano script2.sh
kpkm@c99afc4984265e2:~/scripting/bash-concat$ chmod +x script2.sh
kpkm@c99afc4984265e2:~/scripting/bash-concat$ ./script2.sh
We welcome you on Javatpoint
kpkm@c99afc4984265e2:~/scripting/bash-concat$
Type here to search
ENG US
17:01 29-01-2025

Q.

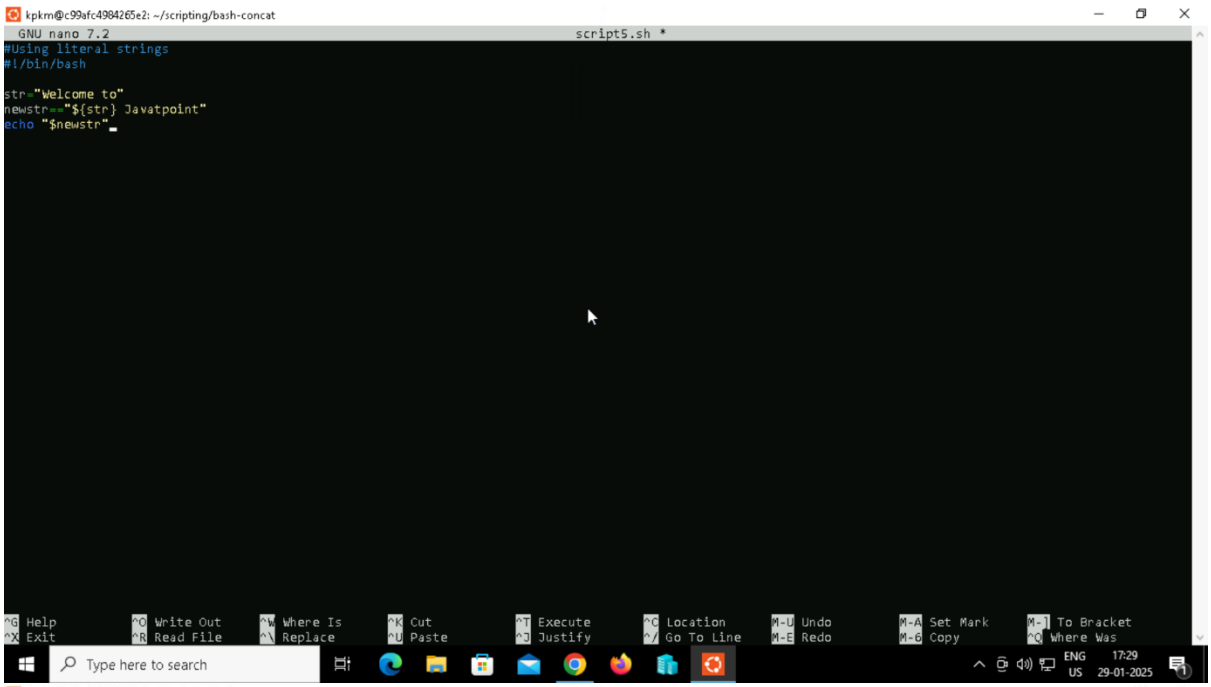

kpkm@c99afc4984265e2: ~/scripting/bash-concat
GNU nano 7.2 script3.sh *
#Using append operator
#!/bin/bash
echo "Printing the name of the programming languages"
lang=""
for value in 'java''python''C''C++';
do
lang+="$value"
done
echo "$lang"
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US
17:22
29-01-2025

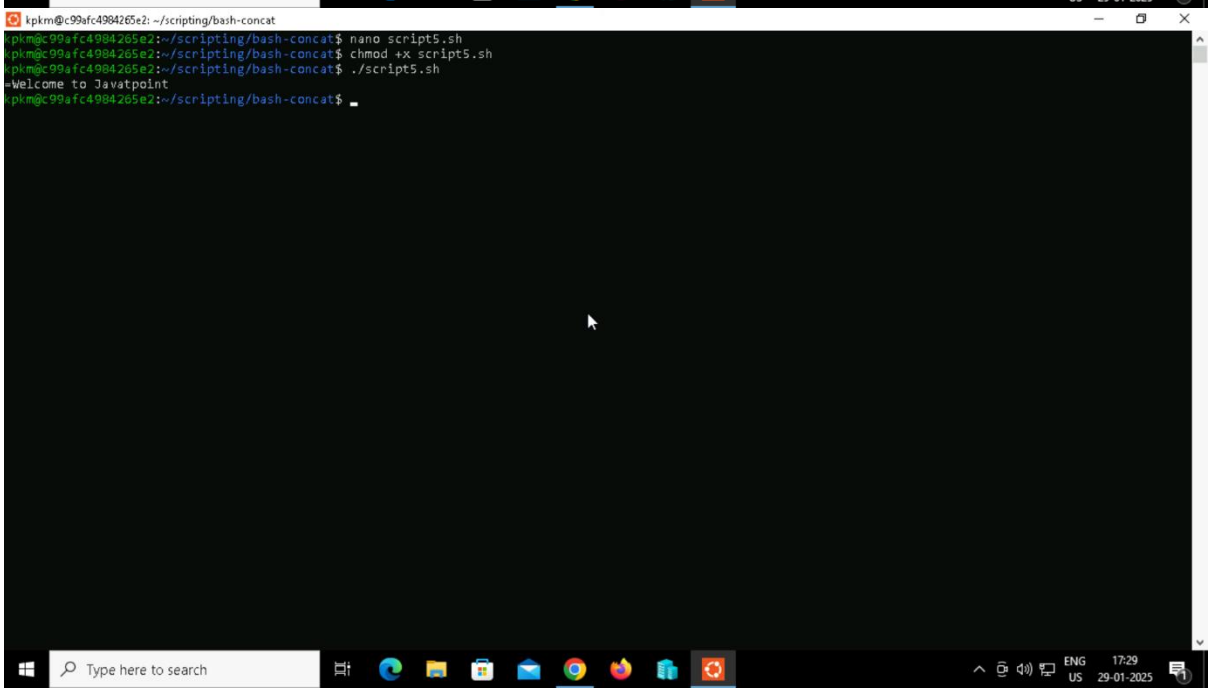

kpkm@c99afc4984265e2: ~/scripting/bash-concat
kpkm@c99afc4984265e2:~/scripting/bash-concat$ nano script3.sh
kpkm@c99afc4984265e2:~/scripting/bash-concat$ chmod +x script3.sh
kpkm@c99afc4984265e2:~/scripting/bash-concat$ ./script3.sh
Printing the name of the programming languages
javapythonCC++
kpkm@c99afc4984265e2:~/scripting/bash-concat$
Type here to search
ENG US
17:22
29-01-2025

Q.

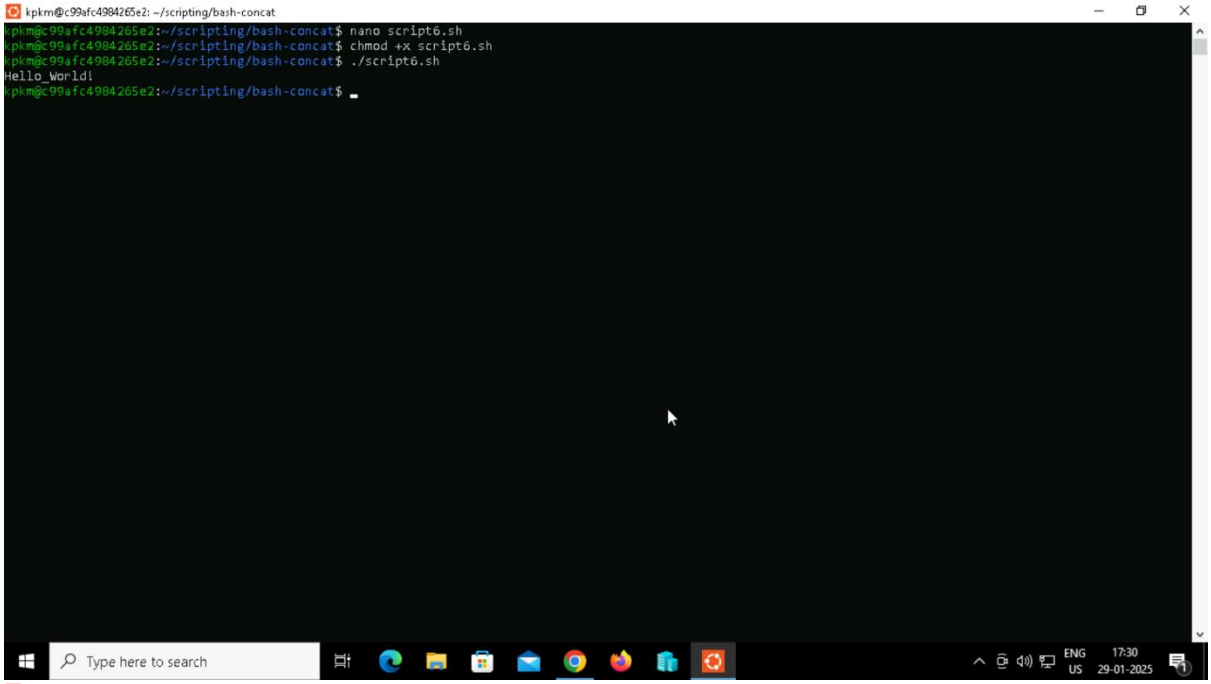

kpkm@c99afc4984265e2: ~/scripting/bash-concat
GNU nano 7.2 script4.sh *
#Using printf function
#!/bin/bash
str="Welcome"
printf -v new_str "$str to Javatpoint"
echo $new_str
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US 17:28 29-01-2025
kpkm@c99afc4984265e2: ~/scripting/bash-concat
kpkm@c99afc4984265e2:~/scripting/bash-concat$ nano script4.sh
kpkm@c99afc4984265e2:~/scripting/bash-concat$ chmod +x script4.sh
kpkm@c99afc4984265e2:~/scripting/bash-concat$ ./script4.sh
Welcome to Javatpoint
kpkm@c99afc4984265e2:~/scripting/bash-concat$
Type here to search
ENG US 17:28 29-01-2025

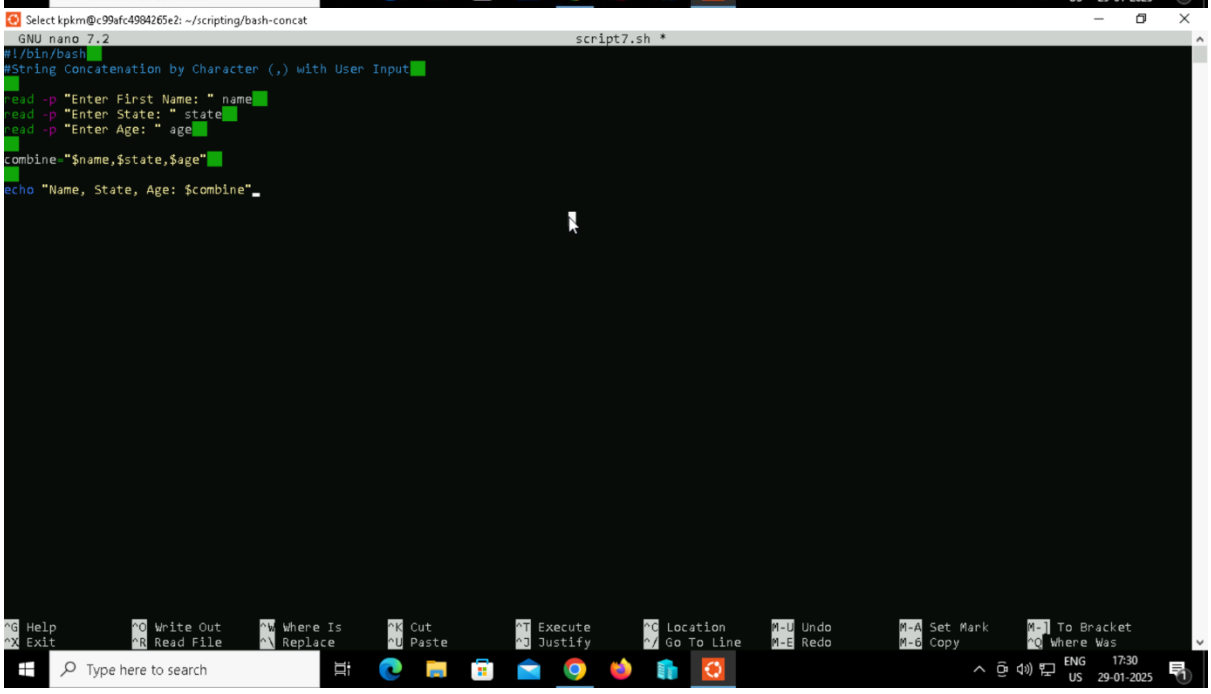
Q.


kpkm@c99afc4984265e2: ~/scripting/bash-concat
GNU nano 7.2 script5.sh *
#Using literal strings
#!/bin/bash
str="Welcome to"
newstr="${str} Javatpoint"
echo "$newstr"
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US 17:29 29-01-2025

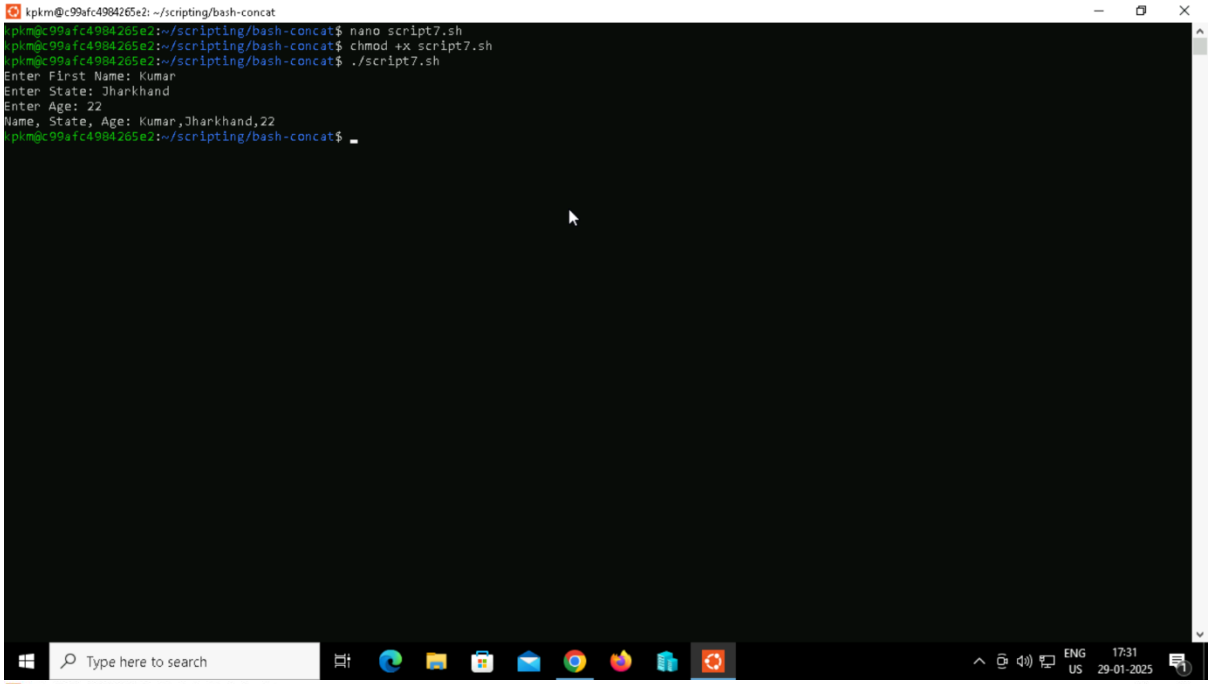

kpkm@c99afc4984265e2: ~/scripting/bash-concat
kpkm@c99afc4984265e2:~/scripting/bash-concat$ nano script5.sh
kpkm@c99afc4984265e2:~/scripting/bash-concat$ chmod +x script5.sh
kpkm@c99afc4984265e2:~/scripting/bash-concat$ ./script5.sh
Welcome to Javatpoint
kpkm@c99afc4984265e2:~/scripting/bash-concat$
Type here to search
ENG US 17:29 29-01-2025

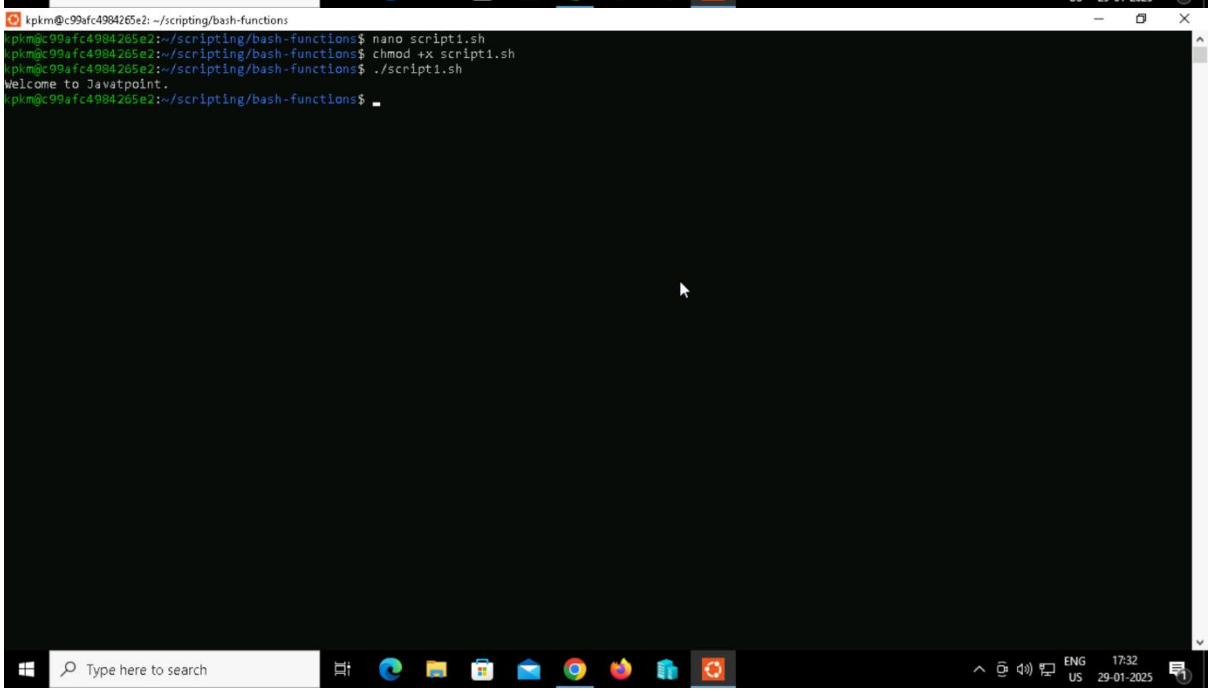
Q.


kpkm@c99afc4984265e2: ~/scripting/bash-concat
kpkm@c99afc4984265e2:~/scripting/bash-concat$ nano script6.sh
kpkm@c99afc4984265e2:~/scripting/bash-concat$ chmod +x script6.sh
kpkm@c99afc4984265e2:~/scripting/bash-concat$ ./script6.sh
Hello_World!
kpkm@c99afc4984265e2:~/scripting/bash-concat$
Type here to search
ENG
US
17:30
29-01-2025


Select kpkm@c99afc4984265e2: ~/scripting/bash-concat
GNU nano 7.2
script7.sh *
#!/bin/bash
#String Concatenation by Character (,) with User Input
read -p "Enter First Name: " name
read -p "Enter State: " state
read -p "Enter Age: " age
combine="$name,$state,$age"
echo "Name, State, Age: $combine"
^G Help
^O Write Out
^W Where Is
^K Cut
^T Execute
^C Location
M-U Undo
M-A Set Mark
M-] To Bracket
^X Exit
^R Read File
^\ Replace
^U Paste
^J Justify
^/ Go To Line
M-E Redo
M-6 Copy
^Q Where Was
Type here to search
ENG
US
17:30
29-01-2025

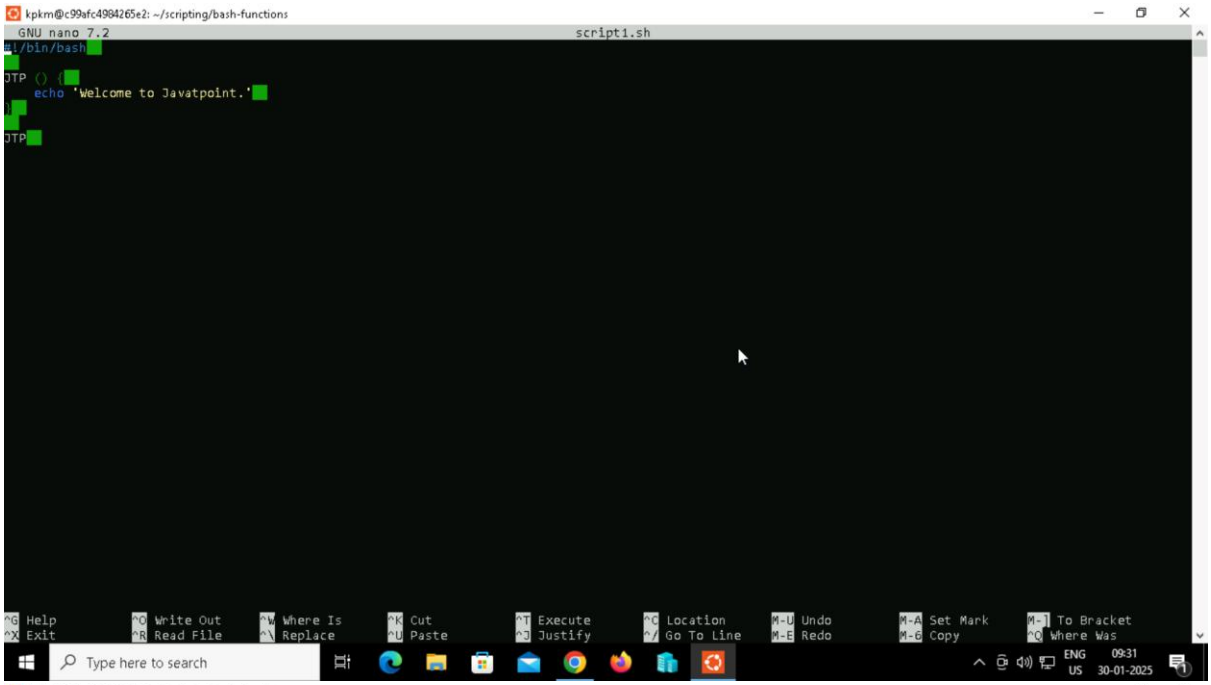
Q.

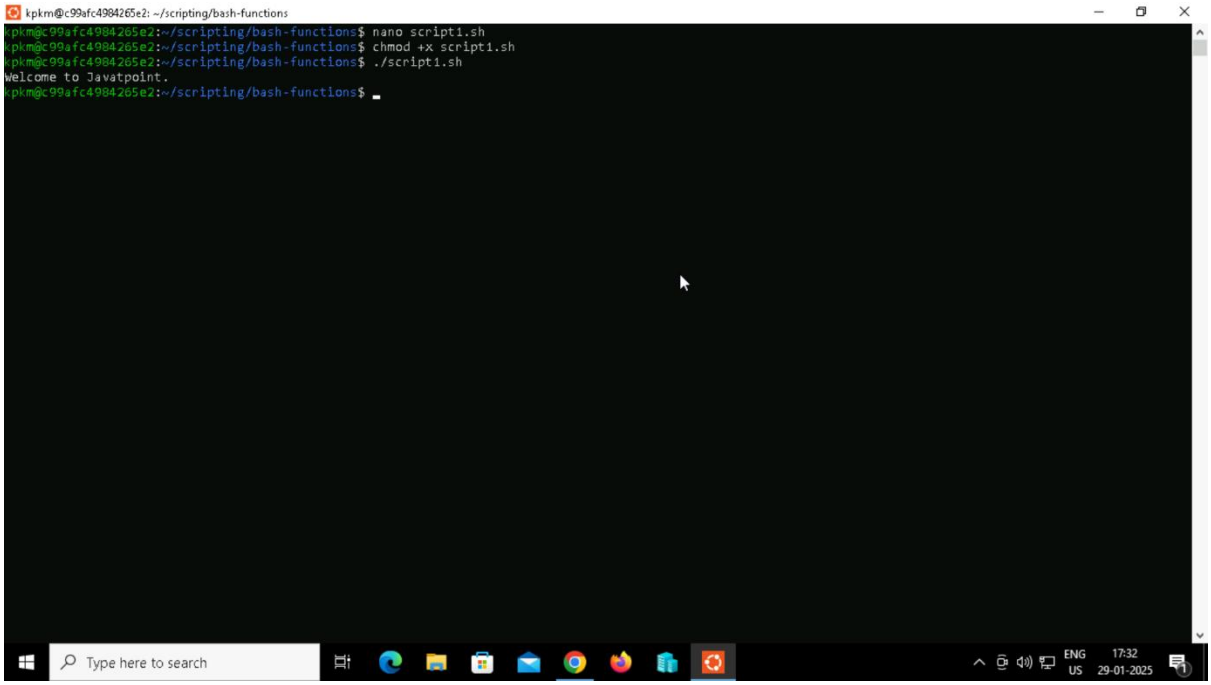

kpkm@c99afc4984265e2: ~/scripting/bash-concat
kpkm@c99afc4984265e2:~/scripting/bash-concat$ nano script7.sh
kpkm@c99afc4984265e2:~/scripting/bash-concat$ chmod +x script7.sh
kpkm@c99afc4984265e2:~/scripting/bash-concat$ ./script7.sh
Enter First Name: Kumar
Enter State: Jharkhand
Enter Age: 22
Name, State, Age: Kumar,Jharkhand,22
kpkm@c99afc4984265e2:~/scripting/bash-concat$
Type here to search
ENG
US
17:31
29-01-2025


kpkm@c99afc4984265e2: ~/scripting/bash-functions
kpkm@c99afc4984265e2:~/scripting/bash-functions$ nano script1.sh
kpkm@c99afc4984265e2:~/scripting/bash-functions$ chmod +x script1.sh
kpkm@c99afc4984265e2:~/scripting/bash-functions$ ./script1.sh
Welcome to Javatpoint.
kpkm@c99afc4984265e2:~/scripting/bash-functions$
Type here to search
ENG
US
17:32
29-01-2025

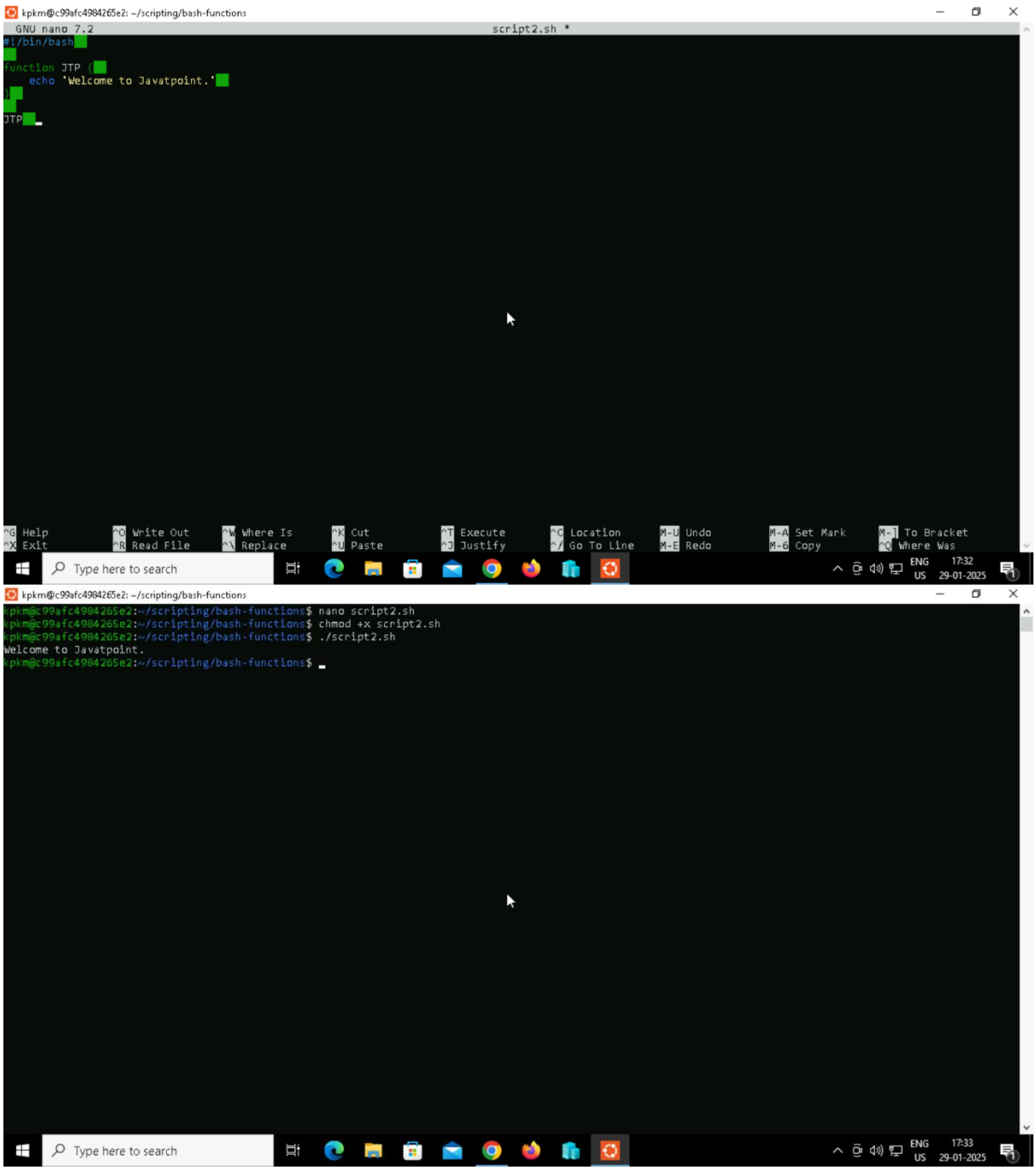
BASH Functions

Q.

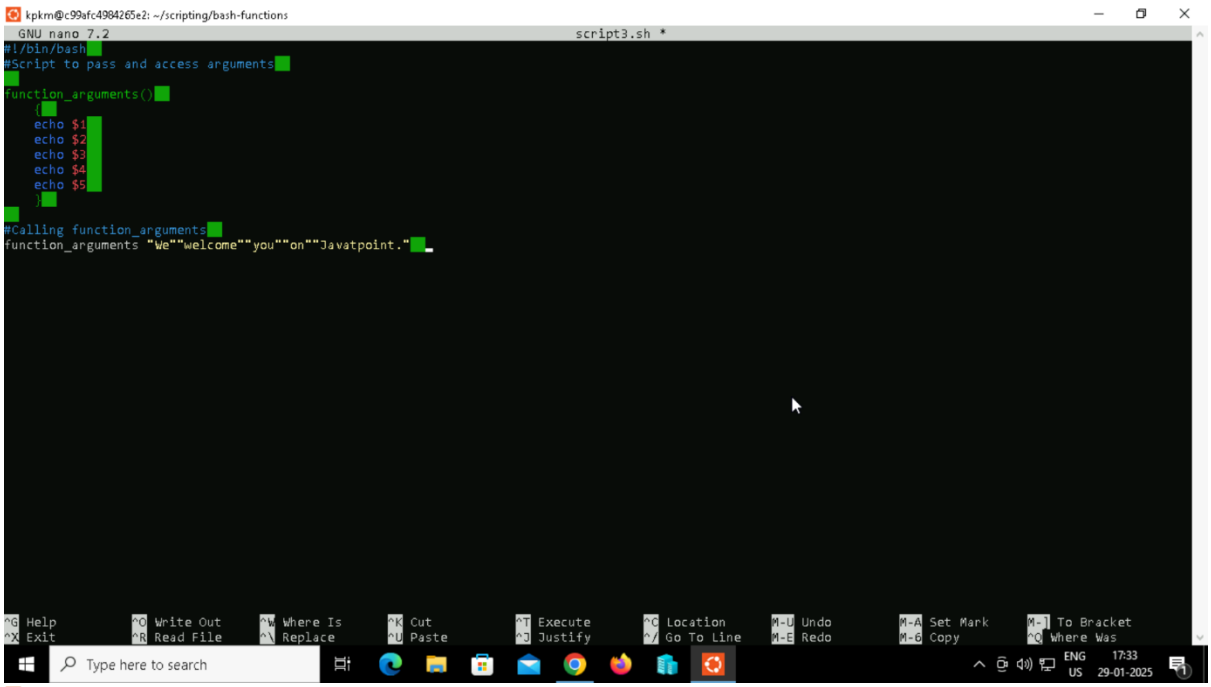


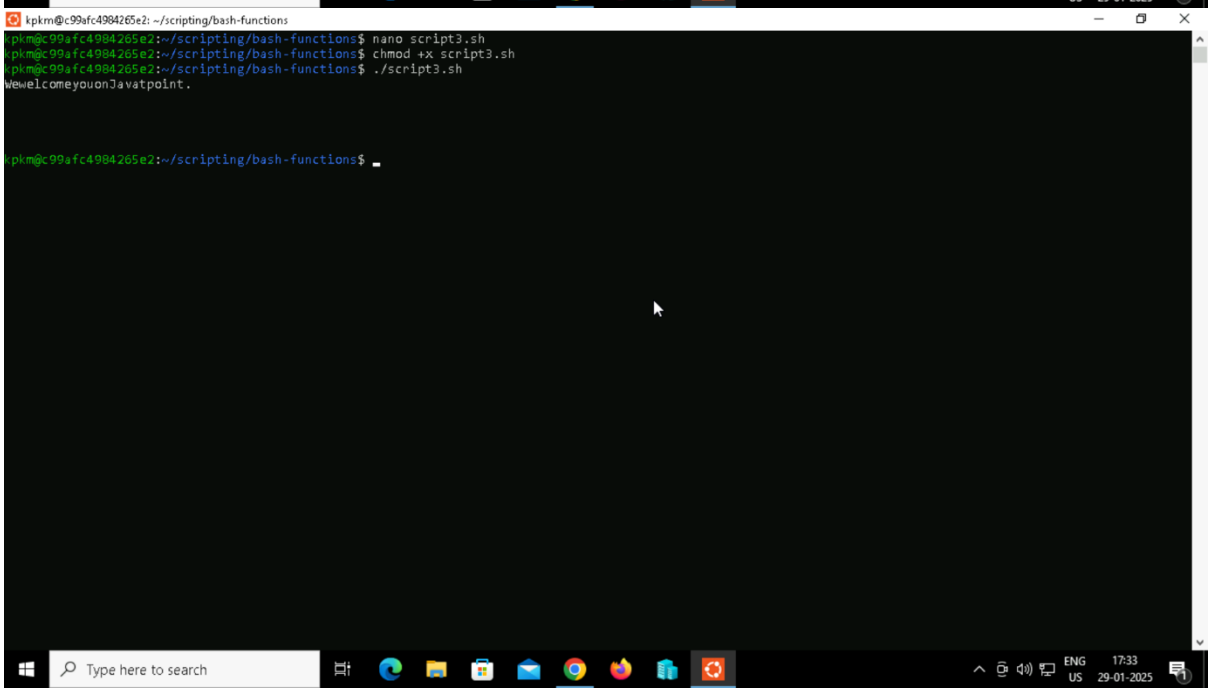


Q.

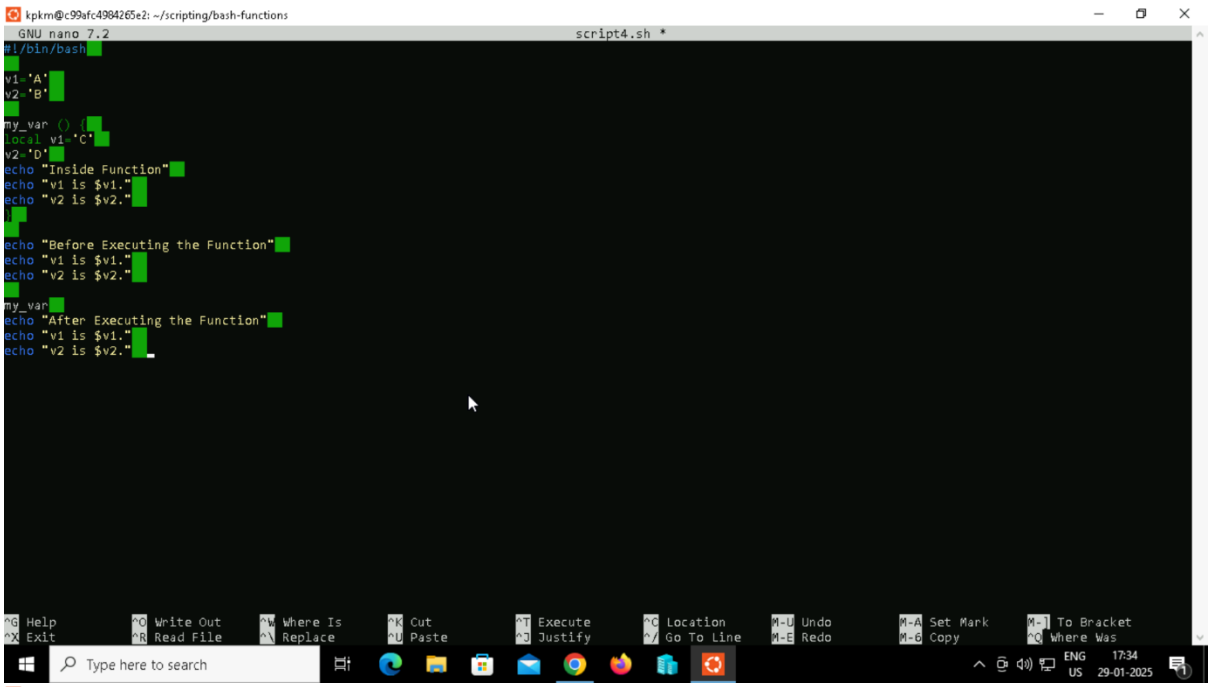

kpkm@c99afc4984265e2: ~/scripting/bash-functions
GNU nano 7.2 script2.sh *
#!/bin/bash
function JTP {
echo 'Welcome to Javatpoint.'
}
JTP
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US 17:32 29-01-2025
kpkm@c99afc4984265e2: ~/scripting/bash-functions
kpkm@c99afc4984265e2:~/scripting/bash-functions$ nano script2.sh
kpkm@c99afc4984265e2:~/scripting/bash-functions$ chmod +x script2.sh
kpkm@c99afc4984265e2:~/scripting/bash-functions$ ./script2.sh
Welcome to Javatpoint.
kpkm@c99afc4984265e2:~/scripting/bash-functions$
Type here to search
ENG US 17:33 29-01-2025

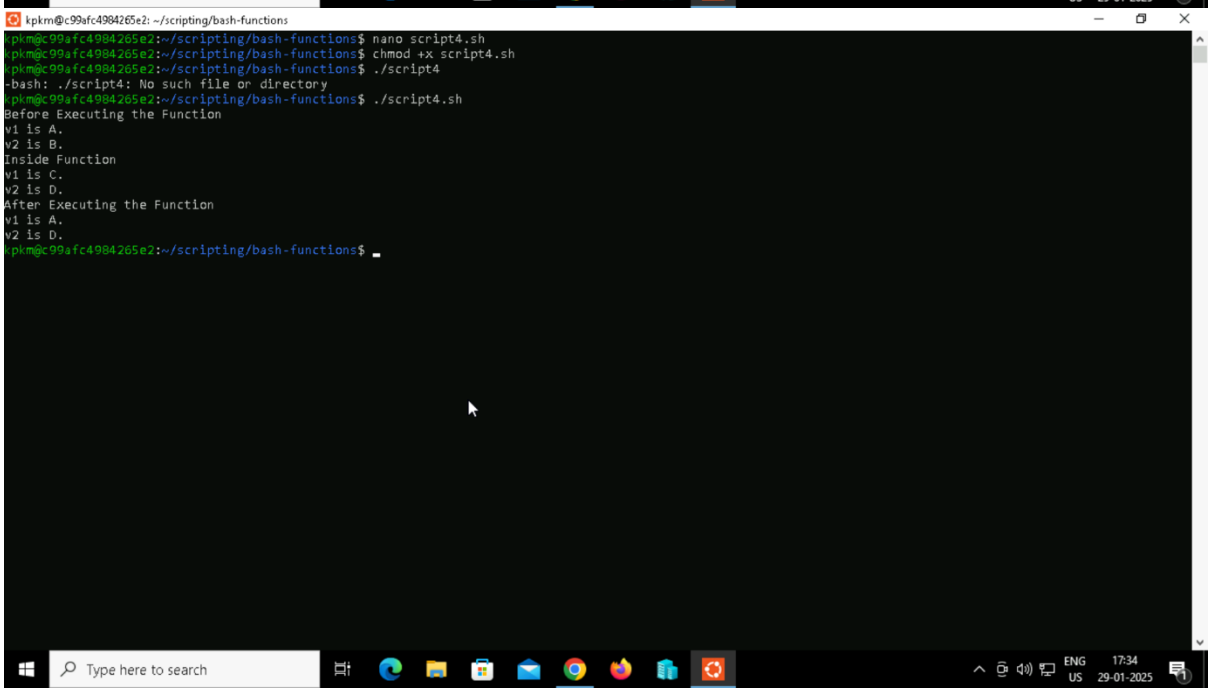
Q.


kpkm@c99afc4984265e2: ~/scripting/bash-functions
GNU nano 7.2 script3.sh *
#!/bin/bash
#Script to pass and access arguments
function_arguments()
{
echo $1
echo $2
echo $3
echo $4
echo $5
}
#Calling function_arguments
function_arguments "We""welcome""you""on""Javatpoint."
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US 17:33 29-01-2025

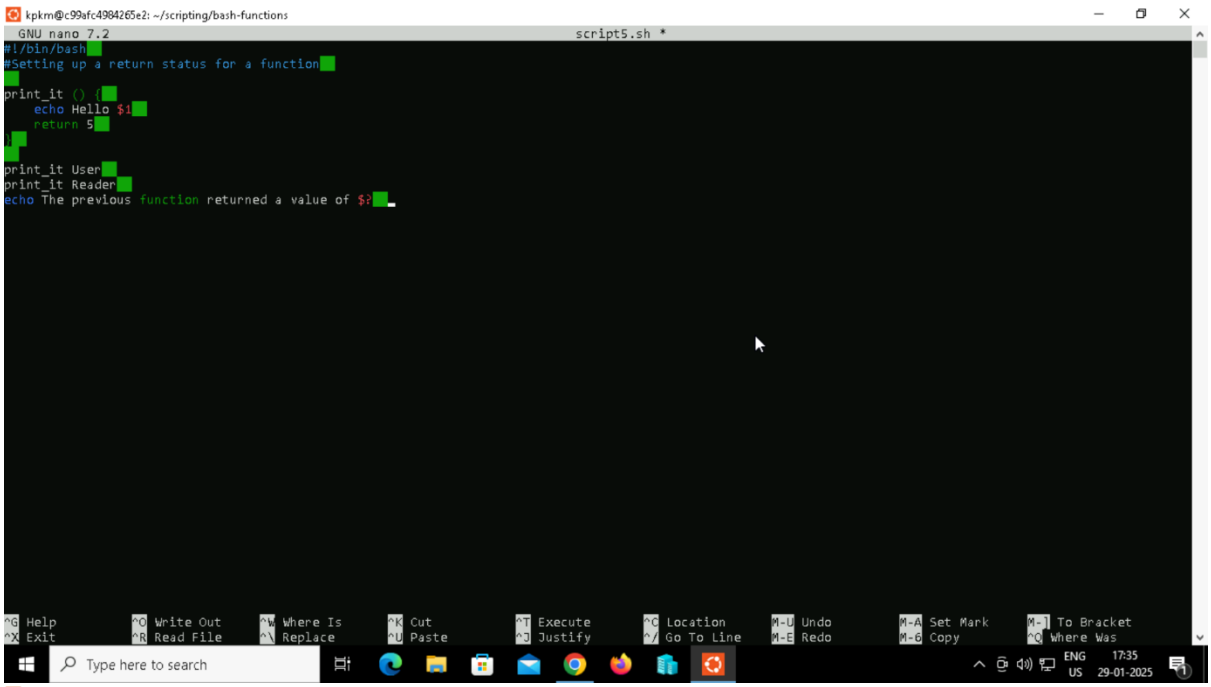

kpkm@c99afc4984265e2: ~/scripting/bash-functions
kpkm@c99afc4984265e2:~/scripting/bash-functions$ nano script3.sh
kpkm@c99afc4984265e2:~/scripting/bash-functions$ chmod +x script3.sh
kpkm@c99afc4984265e2:~/scripting/bash-functions$ ./script3.sh
WewelcomeyouonJavatpoint.
kpkm@c99afc4984265e2:~/scripting/bash-functions$
Type here to search
ENG US 17:33 29-01-2025

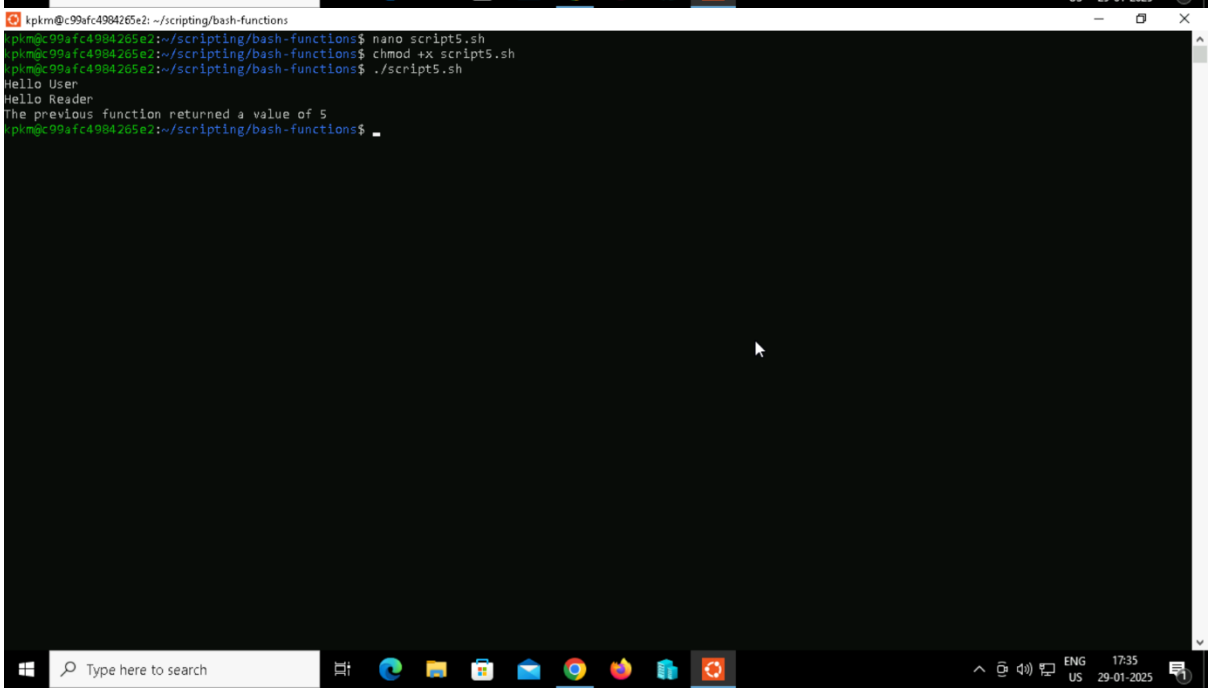
Q.


kpkm@c99afc4984265e2: ~/scripting/bash-functions
GNU nano 7.2 script4.sh *
#!/bin/bash
v1='A'
v2='B'
my_var () {
local v1='C'
v2='D'
echo "Inside Function"
echo "v1 is $v1."
echo "v2 is $v2."
}
echo "Before Executing the Function"
echo "v1 is $v1."
echo "v2 is $v2."
my_var
echo "After Executing the Function"
echo "v1 is $v1."
echo "v2 is $v2."
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US
17:34
29-01-2025

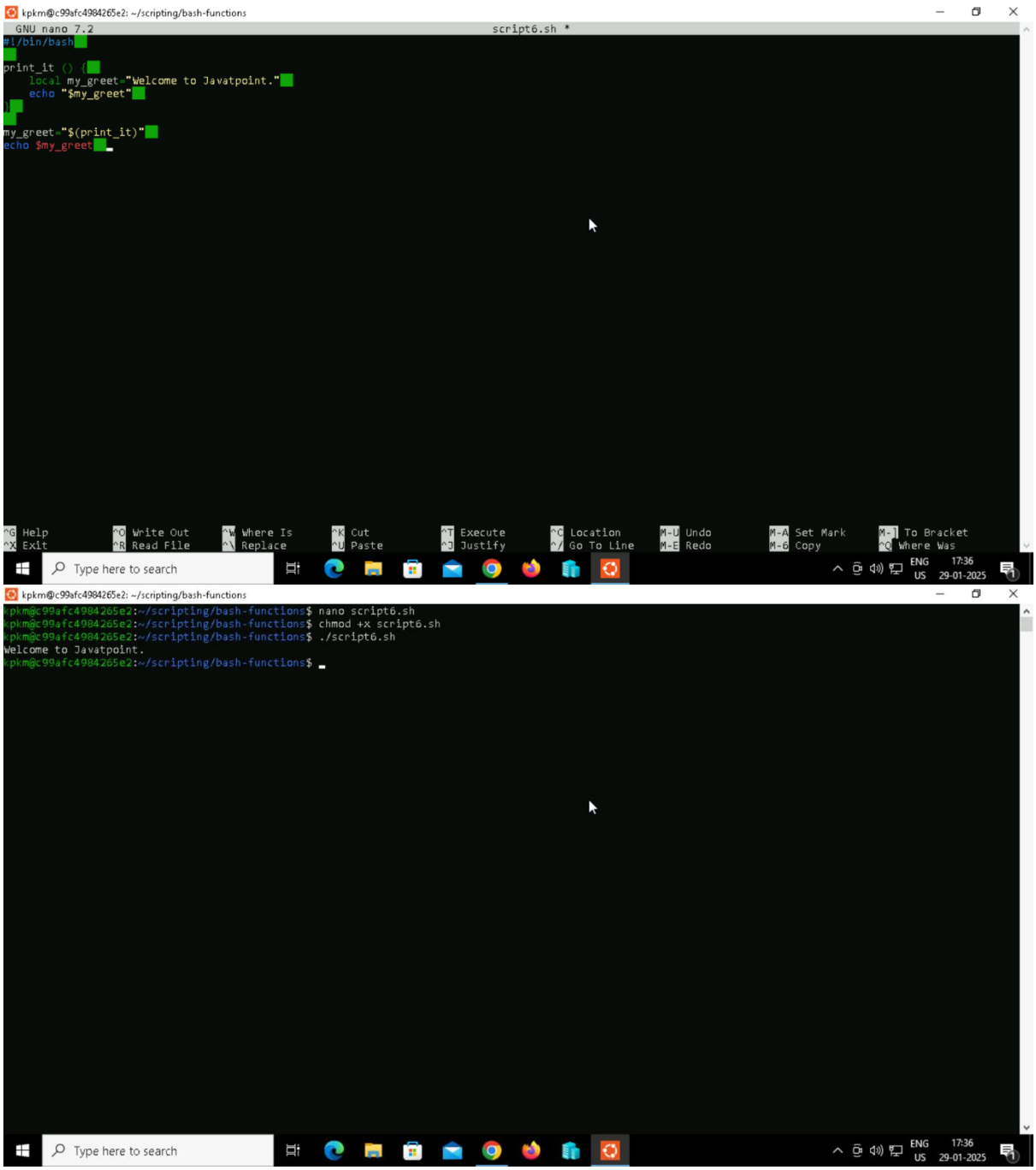

kpkm@c99afc4984265e2: ~/scripting/bash-functions
kpkm@c99afc4984265e2:~/scripting/bash-functions$ nano script4.sh
kpkm@c99afc4984265e2:~/scripting/bash-functions$ chmod +x script4.sh
kpkm@c99afc4984265e2:~/scripting/bash-functions$ ./script4
-bash: ./script4: No such file or directory
kpkm@c99afc4984265e2:~/scripting/bash-functions$ ./script4.sh
Before Executing the Function
v1 is A.
v2 is B.
Inside Function
v1 is C.
v2 is D.
After Executing the Function
v1 is A.
v2 is D.
kpkm@c99afc4984265e2:~/scripting/bash-functions$
Type here to search
ENG US
17:34
29-01-2025

Q.

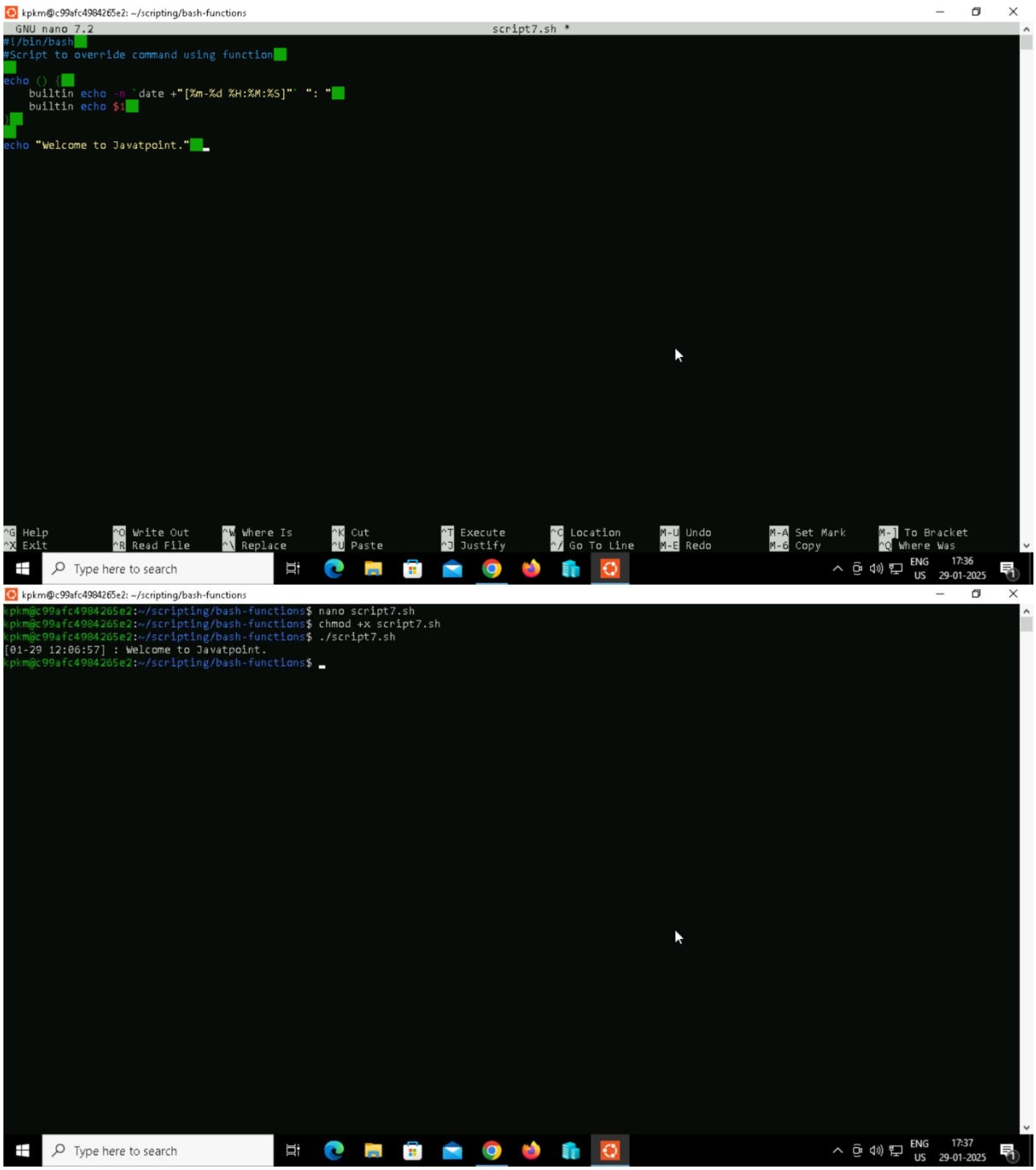

kpkm@c99afc4984265e2: ~/scripting/bash-functions
GNU nano 7.2 script5.sh *
#!/bin/bash
#Setting up a return status for a function
print_it () {
echo Hello $1
return 5
}
print_it User
print_it Reader
echo The previous function returned a value of $?
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US 17:35 29-01-2025


kpkm@c99afc4984265e2: ~/scripting/bash-functions
kpkm@c99afc4984265e2:~/scripting/bash-functions$ nano script5.sh
kpkm@c99afc4984265e2:~/scripting/bash-functions$ chmod +x script5.sh
kpkm@c99afc4984265e2:~/scripting/bash-functions$ ./script5.sh
Hello User
Hello Reader
The previous function returned a value of 5
kpkm@c99afc4984265e2:~/scripting/bash-functions$
Type here to search
ENG US 17:35 29-01-2025

Q.

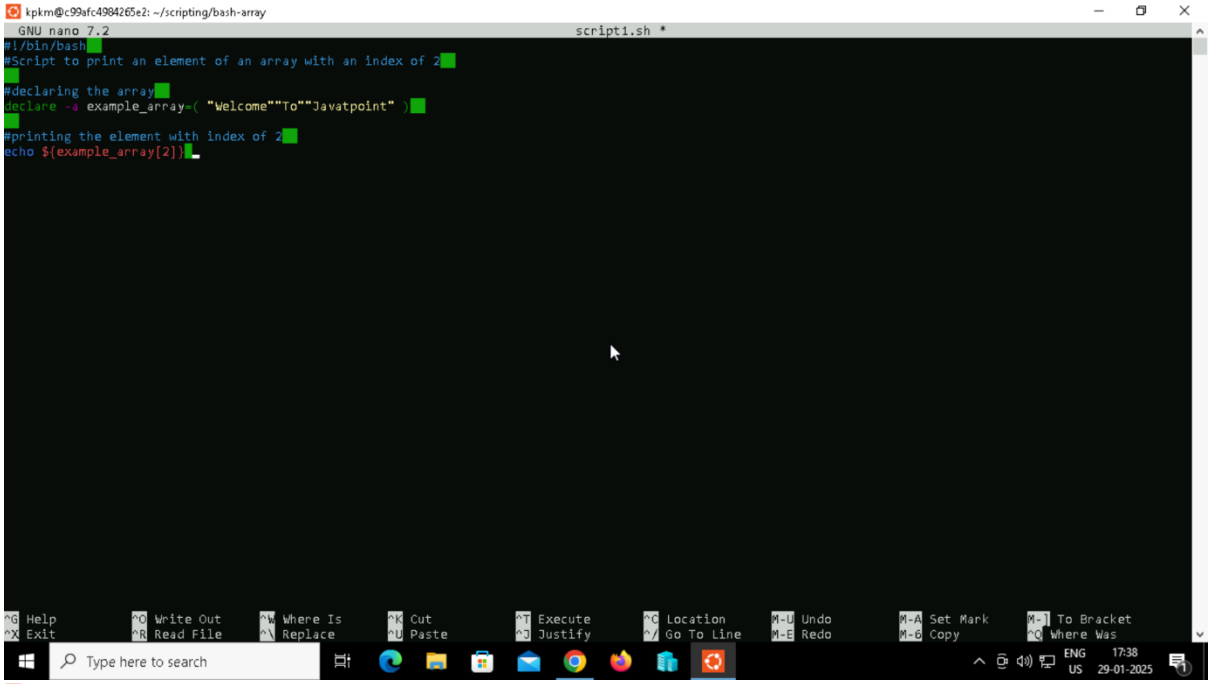

kpkm@c99afc4984265e2: ~/scripting/bash-functions
GNU nano 7.2 script6.sh *
#!/bin/bash
print_it () {
local my_greet="Welcome to Javatpoint."
echo "$my_greet"
}
my_greet="$(print_it)"
echo $my_greet
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US 17:36 29-01-2025
kpkm@c99afc4984265e2: ~/scripting/bash-functions
kpkm@c99afc4984265e2:~/scripting/bash-functions$ nano script6.sh
kpkm@c99afc4984265e2:~/scripting/bash-functions$ chmod +x script6.sh
kpkm@c99afc4984265e2:~/scripting/bash-functions$ ./script6.sh
Welcome to Javatpoint.
kpkm@c99afc4984265e2:~/scripting/bash-functions$
Type here to search
ENG US 17:36 29-01-2025

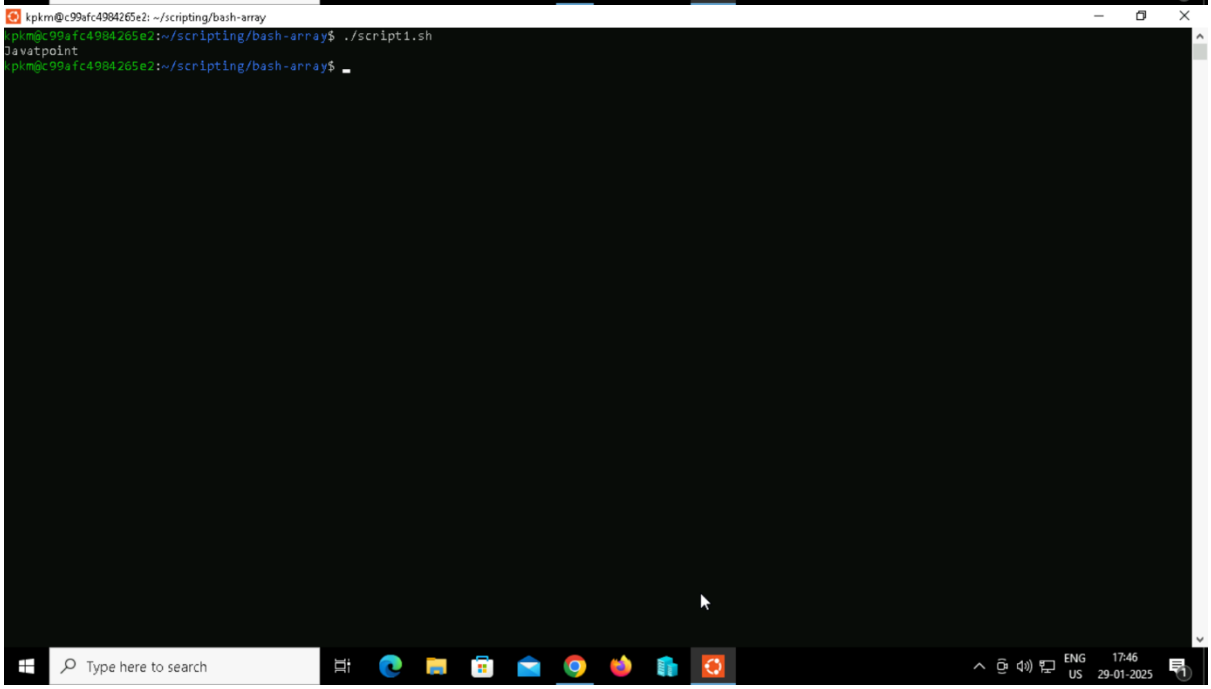
Q.


kpkm@c99afc4984265e2: ~/scripting/bash-functions
GNU nano 7.2 script7.sh *
#!/bin/bash
#Script to override command using function
echo () {
builtin echo -n `date +"[%m-%d %H:%M:%S]"` ": "
builtin echo $1
}
echo "Welcome to Javatpoint."
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US 17:36 29-01-2025
kpkm@c99afc4984265e2: ~/scripting/bash-functions
kpkm@c99afc4984265e2:~/scripting/bash-functions$ nano script7.sh
kpkm@c99afc4984265e2:~/scripting/bash-functions$ chmod +x script7.sh
kpkm@c99afc4984265e2:~/scripting/bash-functions$ ./script7.sh
[01-29 12:06:57] : Welcome to Javatpoint.
kpkm@c99afc4984265e2:~/scripting/bash-functions$
Type here to search
ENG US 17:37 29-01-2025

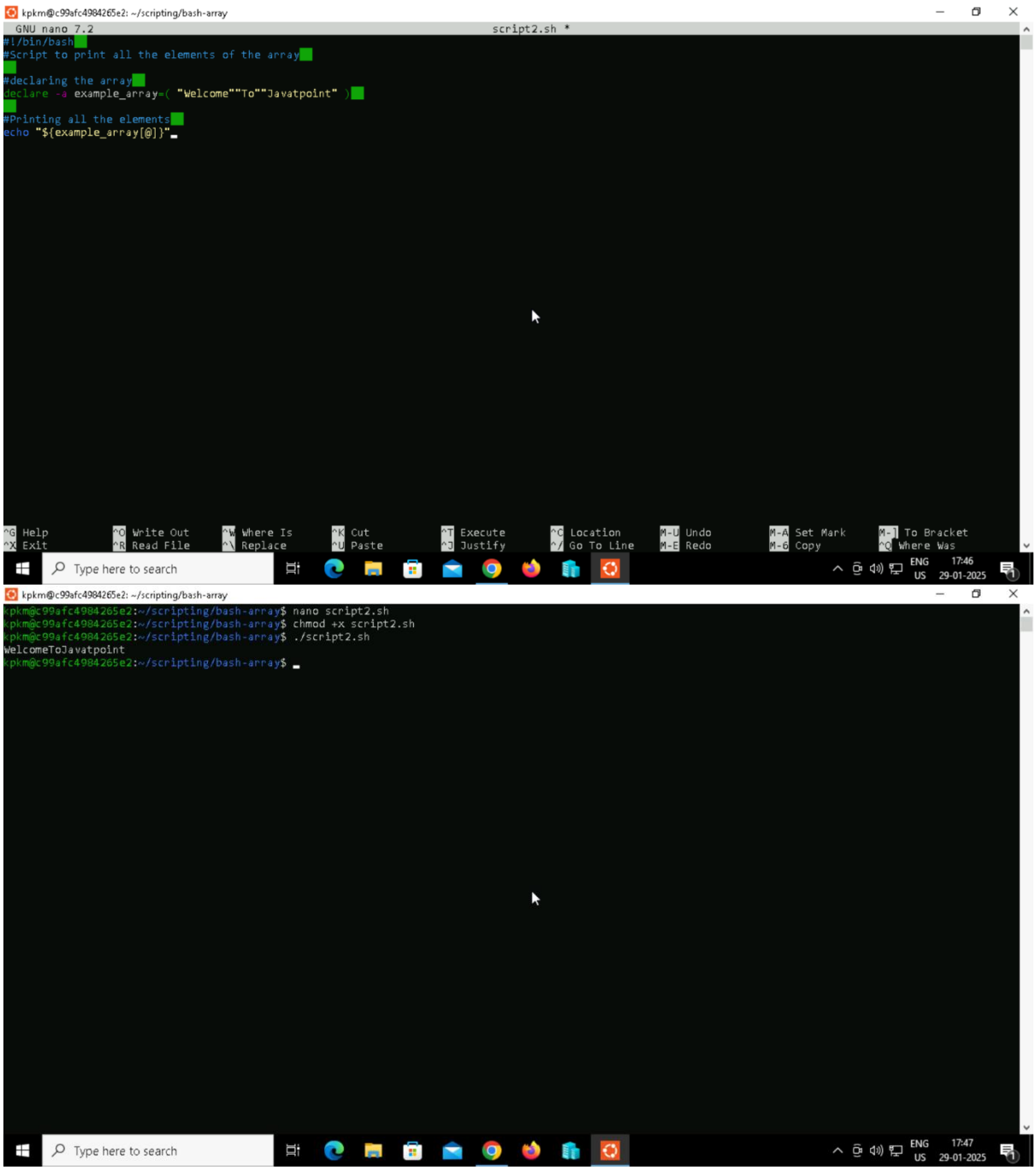
BASH Arrays

Q.

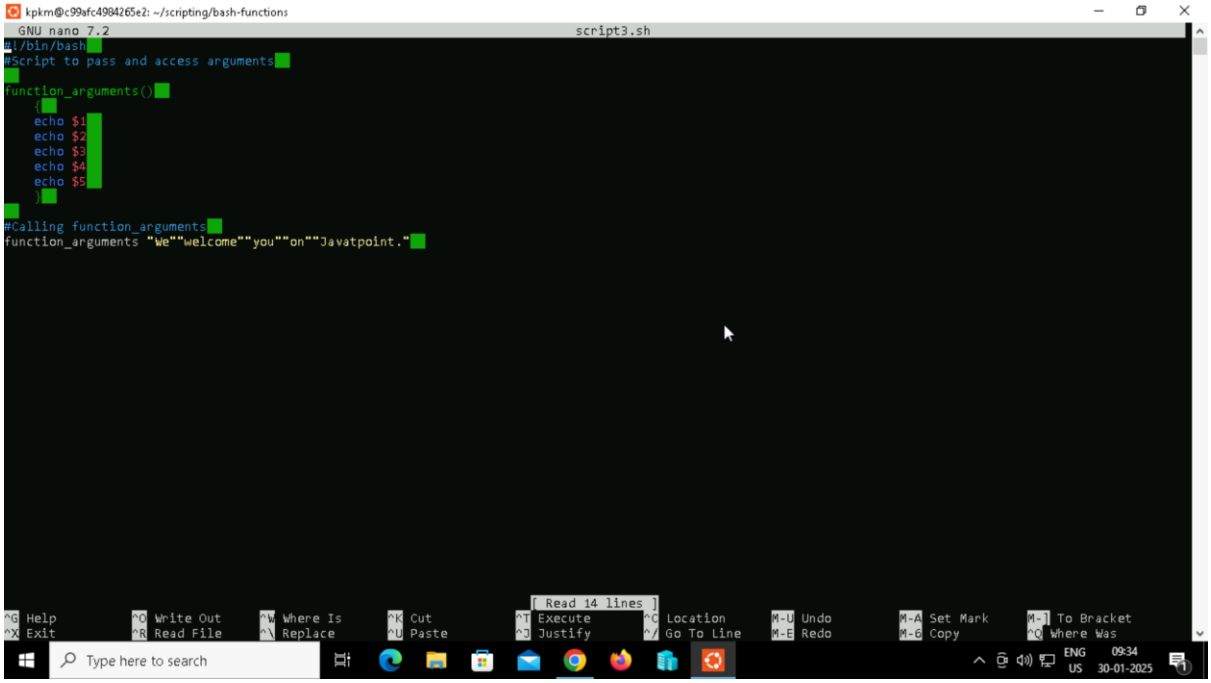


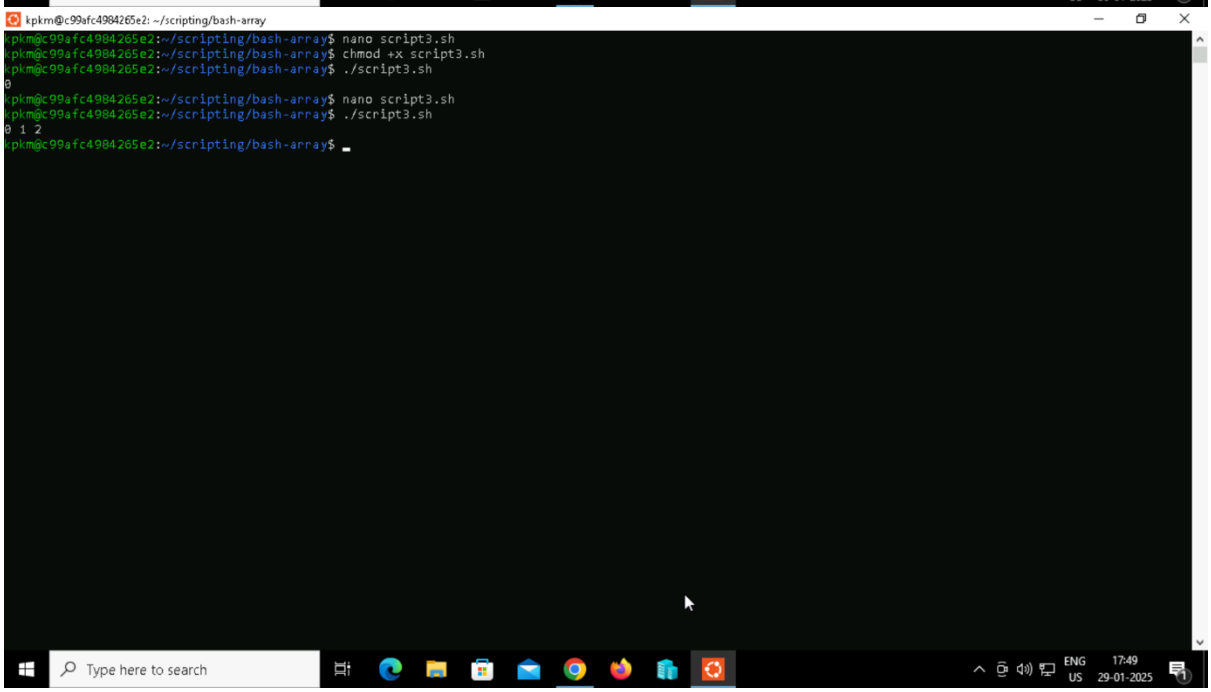


Q.

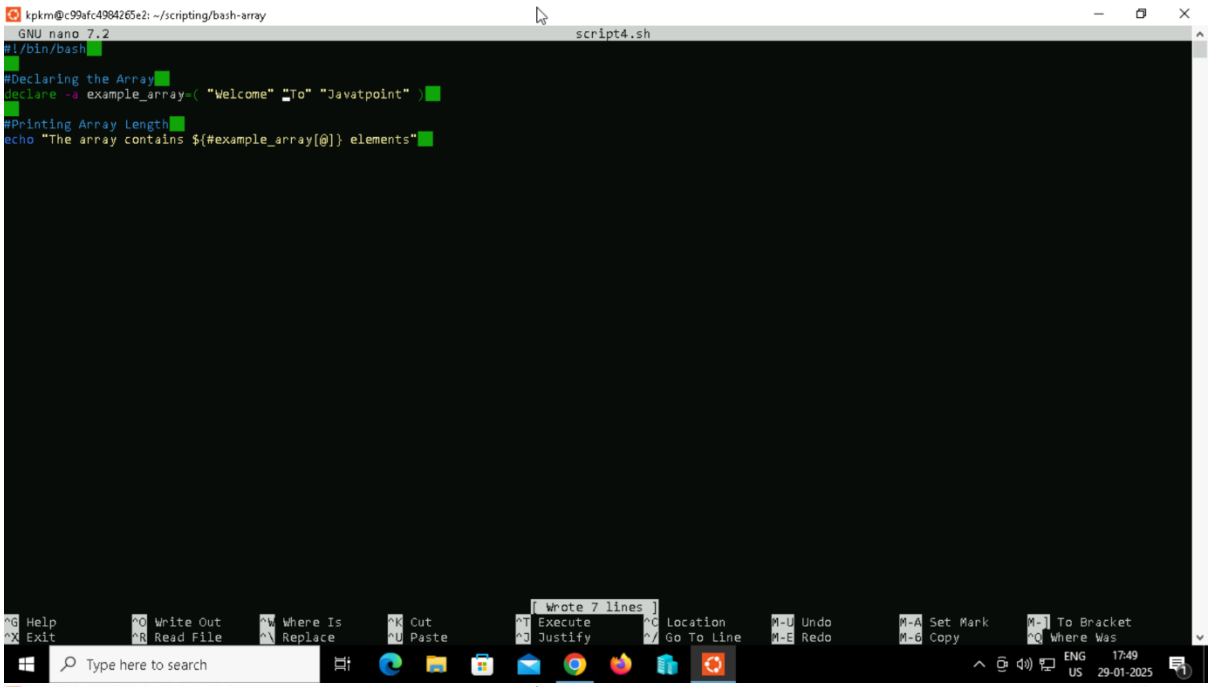

kpkm@c99afc4984265e2: ~/scripting/bash-array
GNU nano 7.2 script2.sh *
#!/bin/bash
#Script to print all the elements of the array
#declaring the array
declare -a example_array=("Welcome""To""Javatpoint")
#Printing all the elements
echo "${example_array[@]}"
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US 17:46 29-01-2025
kpkm@c99afc4984265e2: ~/scripting/bash-array
kpkm@c99afc4984265e2:~/scripting/bash-array$ nano script2.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ chmod +x script2.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ ./script2.sh
WelcomeToJavatpoint
kpkm@c99afc4984265e2:~/scripting/bash-array$
Type here to search
ENG US 17:47 29-01-2025

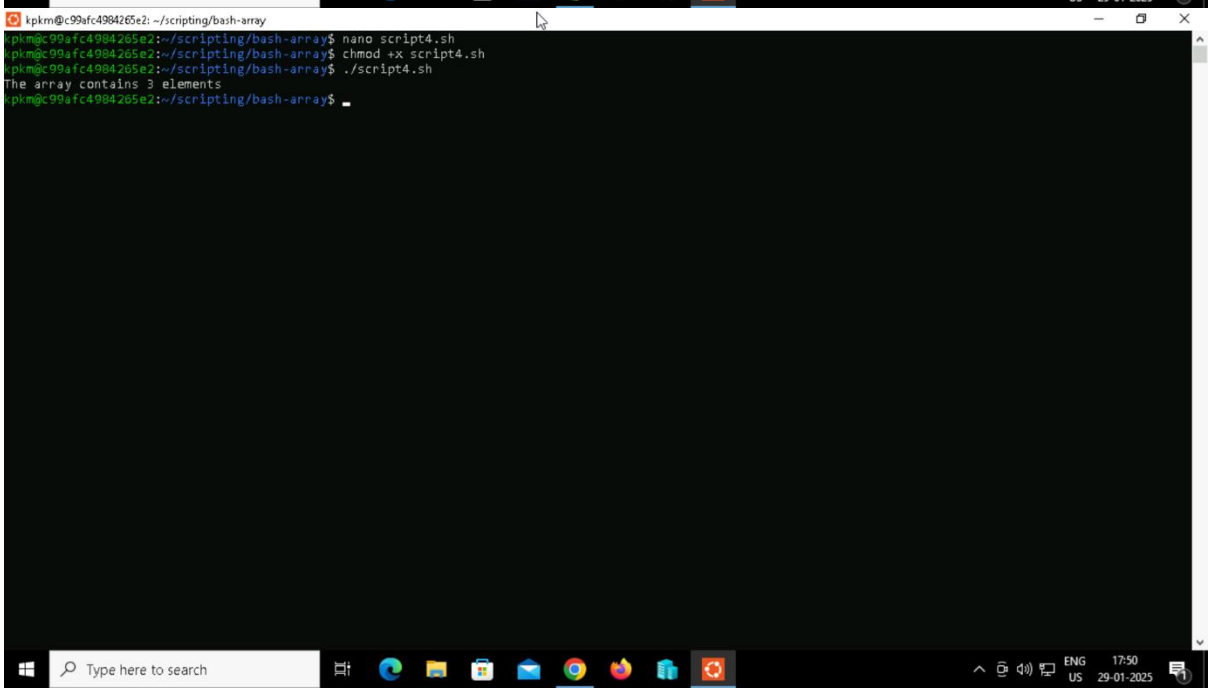
Q.


kpkm@c99afc4984265e2: ~/scripting/bash-functions
GNU nano 7.2 script3.sh
#!/bin/bash
#Script to pass and access arguments
function_arguments()
{
echo $1
echo $2
echo $3
echo $4
echo $5
}
#Calling function_arguments
function_arguments "We""welcome""you""on""Javatpoint."
[Read 14 lines]
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US 09:34 30-01-2025

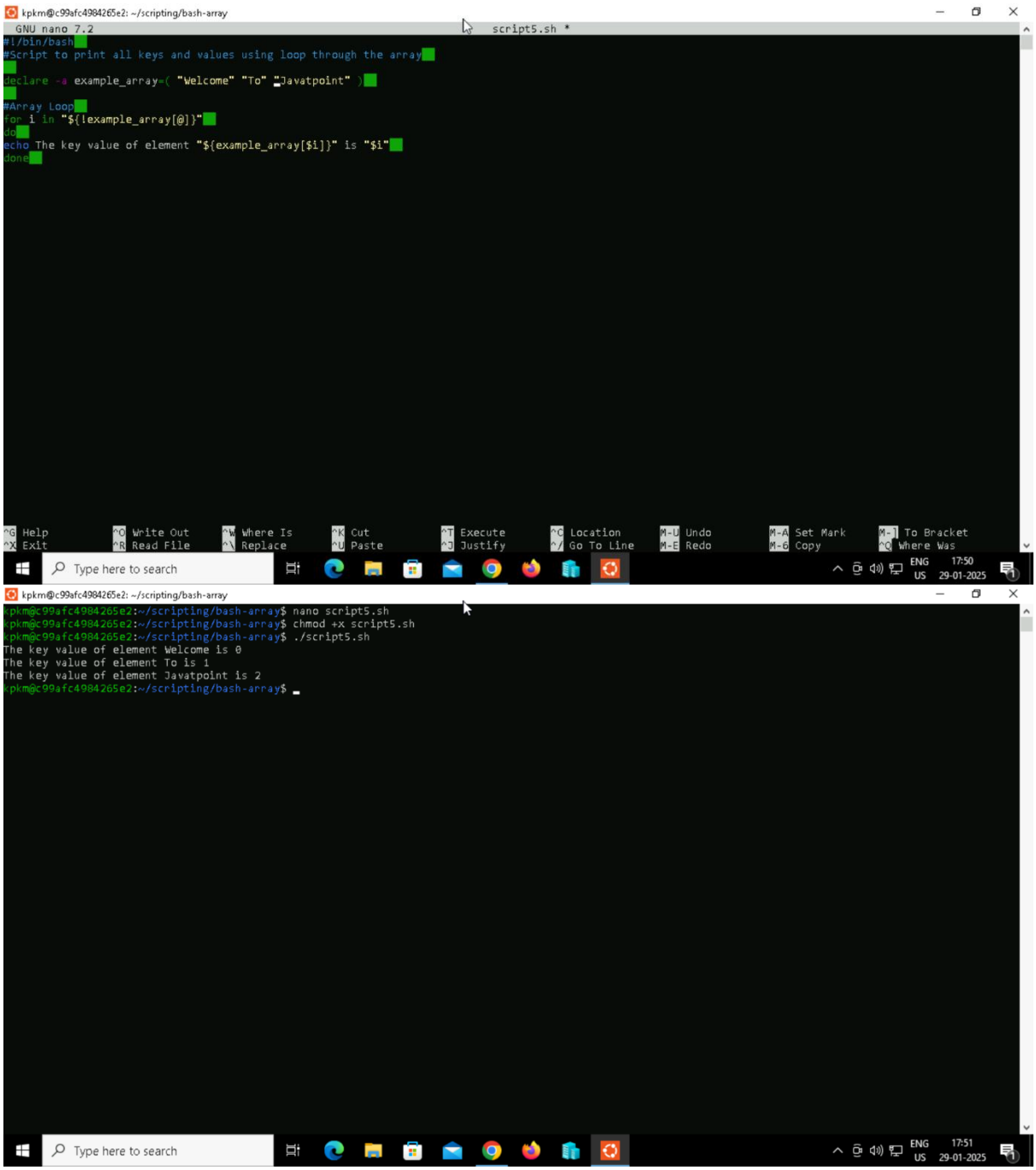

kpkm@c99afc4984265e2: ~/scripting/bash-array
kpkm@c99afc4984265e2:~/scripting/bash-array$ nano script3.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ chmod +x script3.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ ./script3.sh
0
kpkm@c99afc4984265e2:~/scripting/bash-array$ nano script3.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ ./script3.sh
0 1 2
kpkm@c99afc4984265e2:~/scripting/bash-array$
Type here to search
ENG US 17:49 29-01-2025

Q.

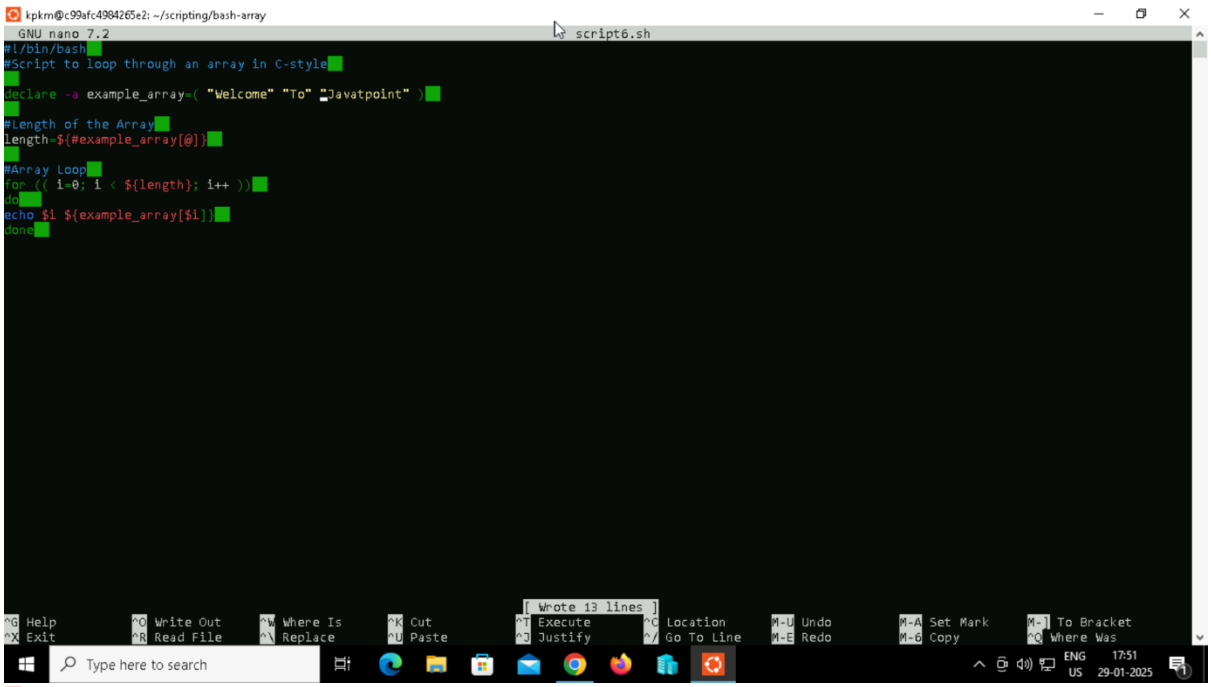

kpkm@c99afc4984265e2: ~/scripting/bash-array
GNU nano 7.2
script4.sh
#!/bin/bash
#Declaring the Array
declare -a example_array=("Welcome" "To" "Javatpoint")
#Printing Array Length
echo "The array contains ${#example_array[@]} elements"
[Wrote 7 lines]
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US
17:49
29-01-2025

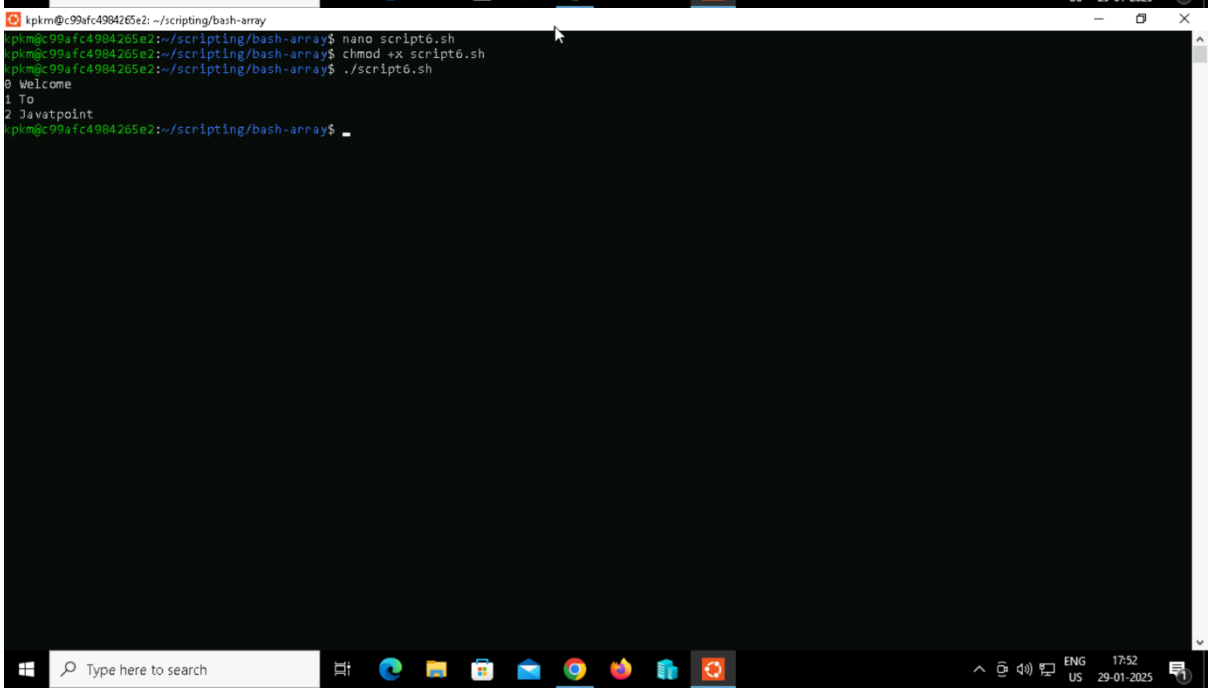

kpkm@c99afc4984265e2: ~/scripting/bash-array
kpkm@c99afc4984265e2:~/scripting/bash-array$ nano script4.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ chmod +x script4.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ ./script4.sh
The array contains 3 elements
kpkm@c99afc4984265e2:~/scripting/bash-array$
Type here to search
ENG US
17:50
29-01-2025

Q.

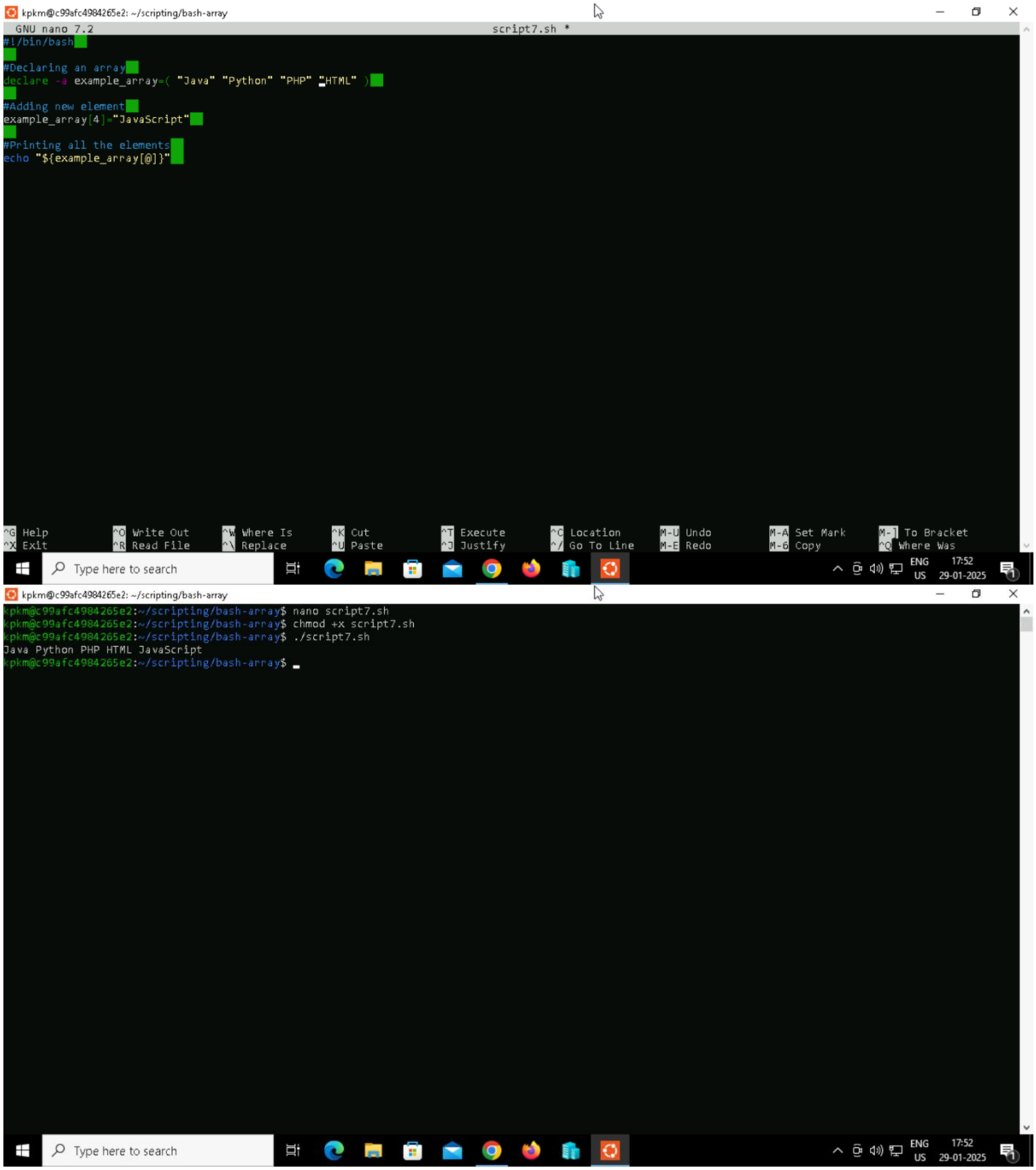

kpkm@c99afc4984265e2: ~/scripting/bash-array
GNU nano 7.2
script5.sh *
#!/bin/bash
#Script to print all keys and values using loop through the array
declare -a example_array=("Welcome" "To" "Javatpoint")
#Array Loop
for i in "${!example_array[@]}"
do
echo The key value of element "${example_array[$i]}" is "$i"
done
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US 17:50 29-01-2025
kpkm@c99afc4984265e2: ~/scripting/bash-array
kpkm@c99afc4984265e2:~/scripting/bash-array$ nano script5.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ chmod +x script5.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ ./script5.sh
The key value of element Welcome is 0
The key value of element To is 1
The key value of element Javatpoint is 2
kpkm@c99afc4984265e2:~/scripting/bash-array$
Type here to search
ENG US 17:51 29-01-2025

Q.

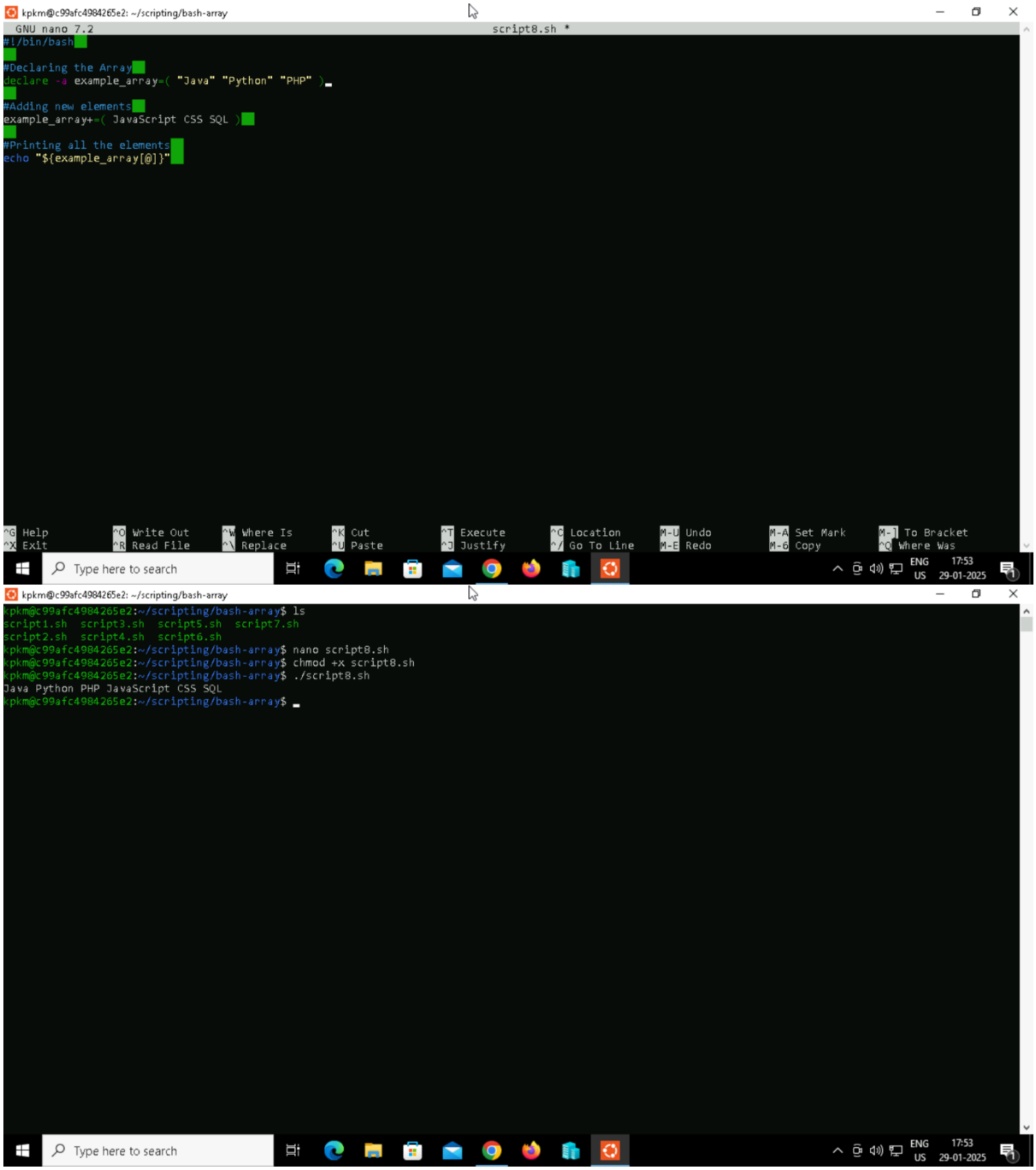

kpkm@c99afc4984265e2: ~/scripting/bash-array
GNU nano 7.2
script6.sh
#!/bin/bash
#Script to loop through an array in C-style
declare -a example_array=("Welcome" "To" "Javatpoint")
#Length of the Array
length=${#example_array[@]}
#Array Loop
for ((i=0; i < ${length}; i++))
do
echo $i ${example_array[$i]}
done
[Wrote 13 lines]
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US
17:51
29-01-2025


kpkm@c99afc4984265e2: ~/scripting/bash-array
kpkm@c99afc4984265e2:~/scripting/bash-array$ nano script6.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ chmod +x script6.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ ./script6.sh
0 Welcome
1 To
2 Javatpoint
kpkm@c99afc4984265e2:~/scripting/bash-array$
Type here to search
ENG US
17:52
29-01-2025

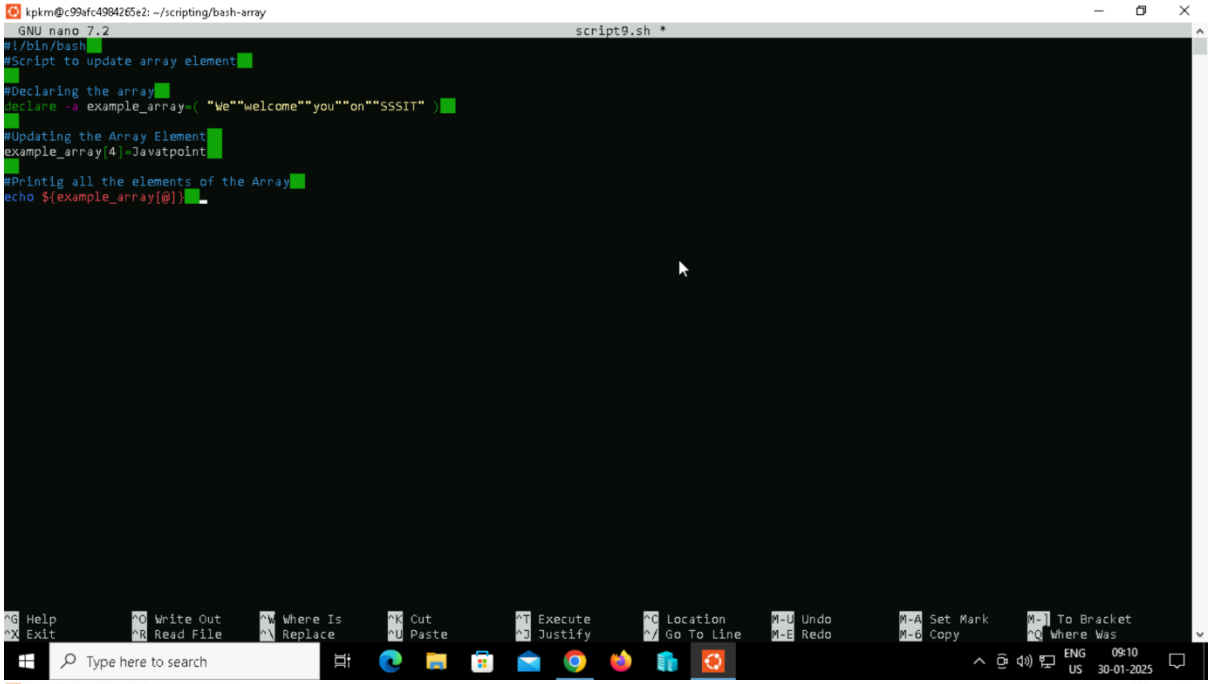
Q.


kpkm@c99afc4984265e2: ~/scripting/bash-array
GNU nano 7.2 script7.sh *
#!/bin/bash
#Declaring an array
declare -a example_array=("Java" "Python" "PHP" "HTML")
#Adding new element
example_array[4]="JavaScript"
#Printing all the elements
echo "${example_array[@]}"
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US 17:52 29-01-2025
kpkm@c99afc4984265e2: ~/scripting/bash-array
kpkm@c99afc4984265e2:~/scripting/bash-array$ nano script7.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ chmod +x script7.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ ./script7.sh
Java Python PHP HTML JavaScript
kpkm@c99afc4984265e2:~/scripting/bash-array$
Type here to search
ENG US 17:52 29-01-2025

Q.


kpkm@c99afc4984265e2: ~/scripting/bash-array
GNU nano 7.2 script8.sh *
#!/bin/bash
#Declaring the Array
declare -a example_array=("Java" "Python" "PHP")
#Adding new elements
example_array+=(JavaScript CSS SQL)
#Printing all the elements
echo "${example_array[@]}"
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
Type here to search
ENG US 17:53 29-01-2025
kpkm@c99afc4984265e2: ~/scripting/bash-array
kpkm@c99afc4984265e2:~/scripting/bash-array$ ls
script1.sh script3.sh script5.sh script7.sh
script2.sh script4.sh script6.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ nano script8.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ chmod +x script8.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ ./script8.sh
Java Python PHP JavaScript CSS SQL
kpkm@c99afc4984265e2:~/scripting/bash-array$
Type here to search
ENG US 17:53 29-01-2025

Q.


kpkm@c99afc4984265e2: ~/scripting/bash-array
GNU nano 7.2 script9.sh *
#!/bin/bash
#Script to update array element
#Declaring the array
declare -a example_array=("We""welcome""you""on""SSSIT")
#Updating the Array Element
example_array[4]=Javatpoint
#Printig all the elements of the Array
echo ${example_array[@]}
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
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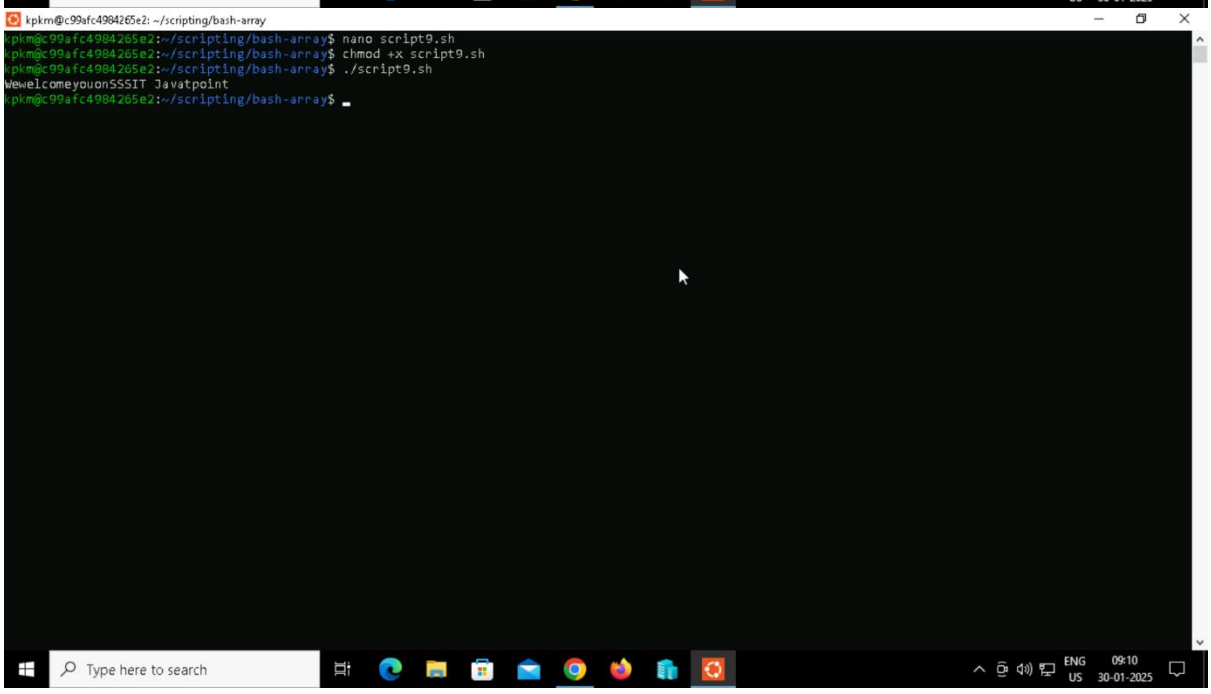
ENG US 09:10 30-01-2025


kpkm@c99afc4984265e2: ~/scripting/bash-array
kpkm@c99afc4984265e2:~/scripting/bash-array$ nano script9.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ chmod +x script9.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ ./script9.sh
WewelcomeyouonSSSIT Javatpoint
kpkm@c99afc4984265e2:~/scripting/bash-array$
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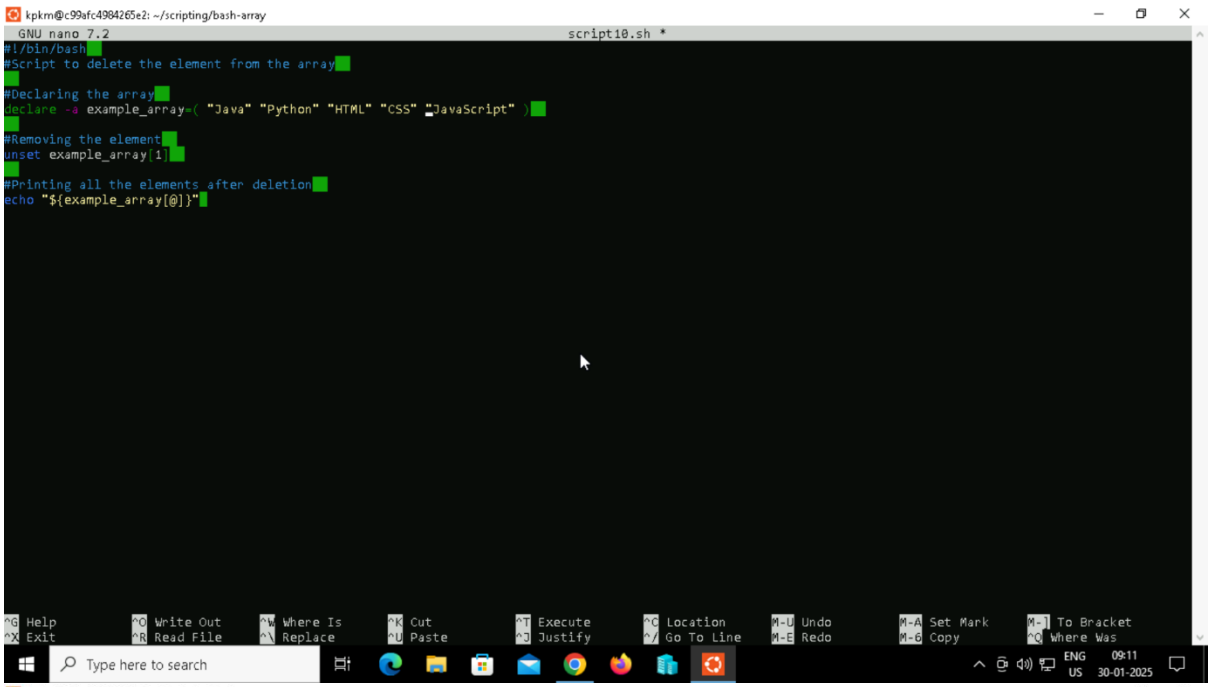
ENG US 09:10 30-01-2025

Q.


kpkm@c99afc4984265e2: ~/scripting/bash-array
GNU nano 7.2 script10.sh *
#!/bin/bash
#Script to delete the element from the array
#Declaring the array
declare -a example_array=("Java" "Python" "HTML" "CSS" "JavaScript")
#Removing the element
unset example_array[1]
#Printing all the elements after deletion
echo "${example_array[@]}"
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
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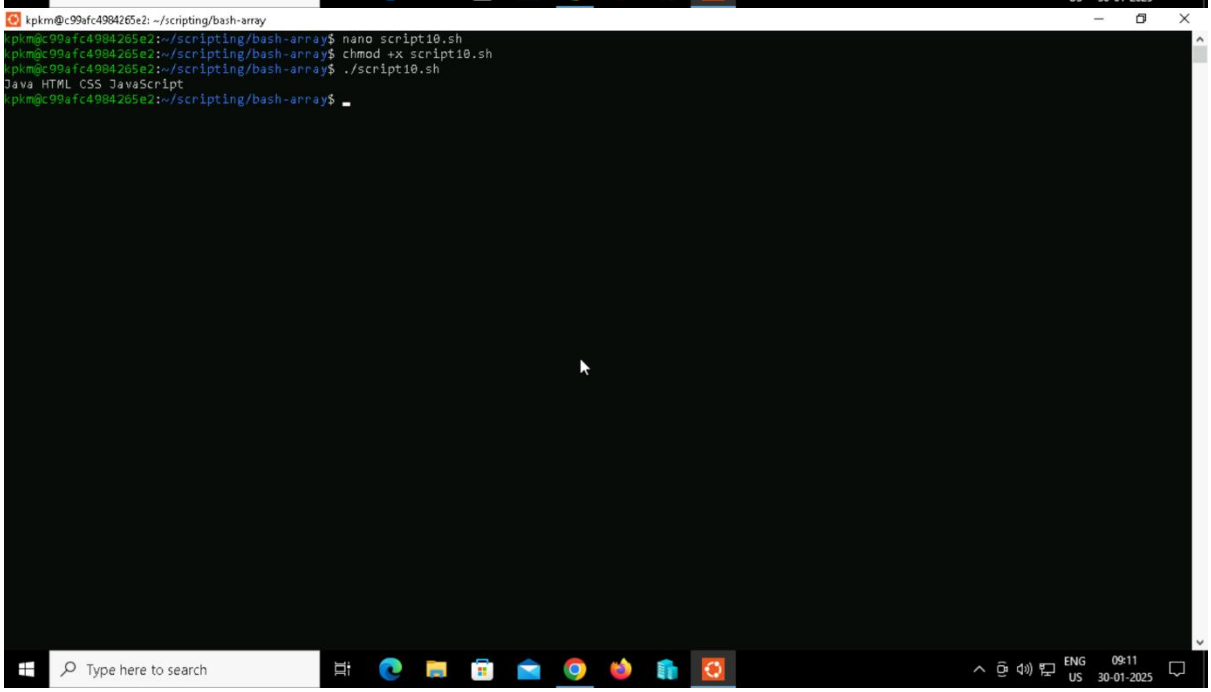
ENG US 09:11 30-01-2025


kpkm@c99afc4984265e2: ~/scripting/bash-array
kpkm@c99afc4984265e2:~/scripting/bash-array$ nano script10.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ chmod +x script10.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ ./script10.sh
Java HTML CSS JavaScript
kpkm@c99afc4984265e2:~/scripting/bash-array$
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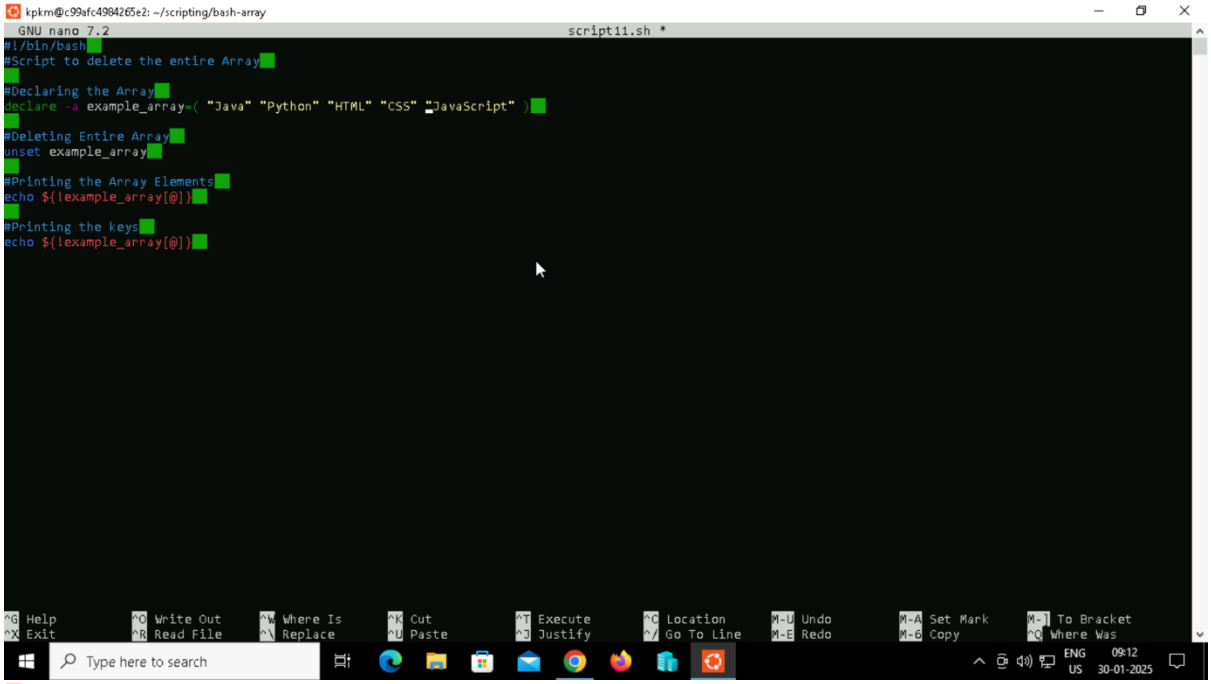
Q.


kpkm@c99afc4984265e2: ~/scripting/bash-array
GNU nano 7.2 script11.sh *
#!/bin/bash
#Script to delete the entire Array
#Declaring the Array
declare -a example_array=("Java" "Python" "HTML" "CSS" "JavaScript")
#Deleting Entire Array
unset example_array
#Printing the Array Elements
echo ${!example_array[@]}
#Printing the keys
echo ${!example_array[@]}
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
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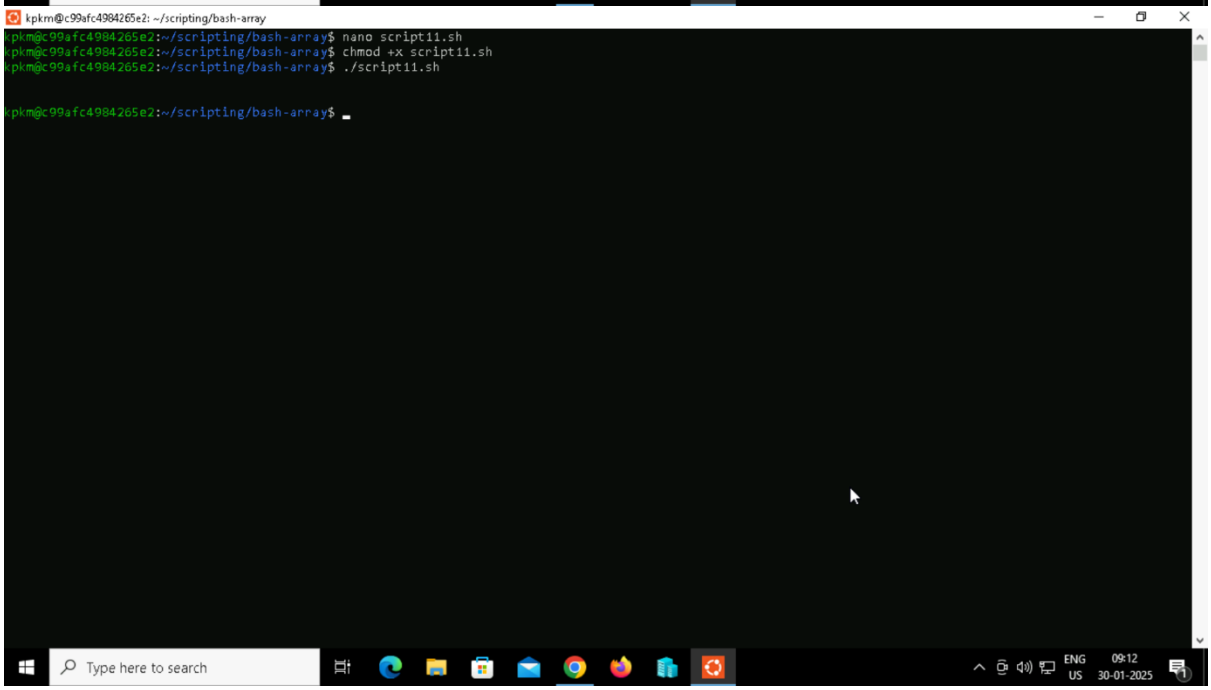
kpkm@c99afc4984265e2: ~/scripting/bash-array
kpkm@c99afc4984265e2:~/scripting/bash-array$ nano script11.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ chmod +x script11.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ ./script11.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$
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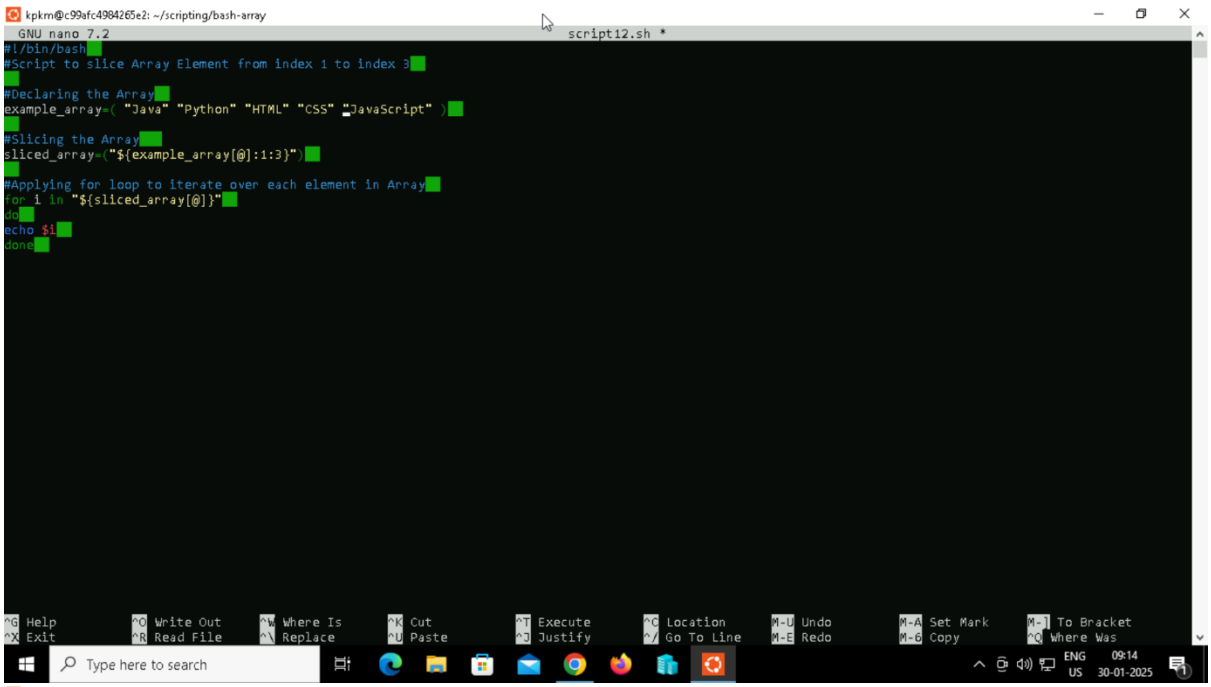
Q.


kpkm@c99afc4984265e2: ~/scripting/bash-array
GNU nano 7.2 script12.sh *
#!/bin/bash
#Script to slice Array Element from index 1 to index 3
#Declaring the Array
example_array=("Java" "Python" "HTML" "CSS" "JavaScript")
#Slicing the Array
sliced_array=("${example_array[@]:1:3}")
#Applying for loop to iterate over each element in Array
for i in "${sliced_array[@]}"
do
echo $i
done
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was
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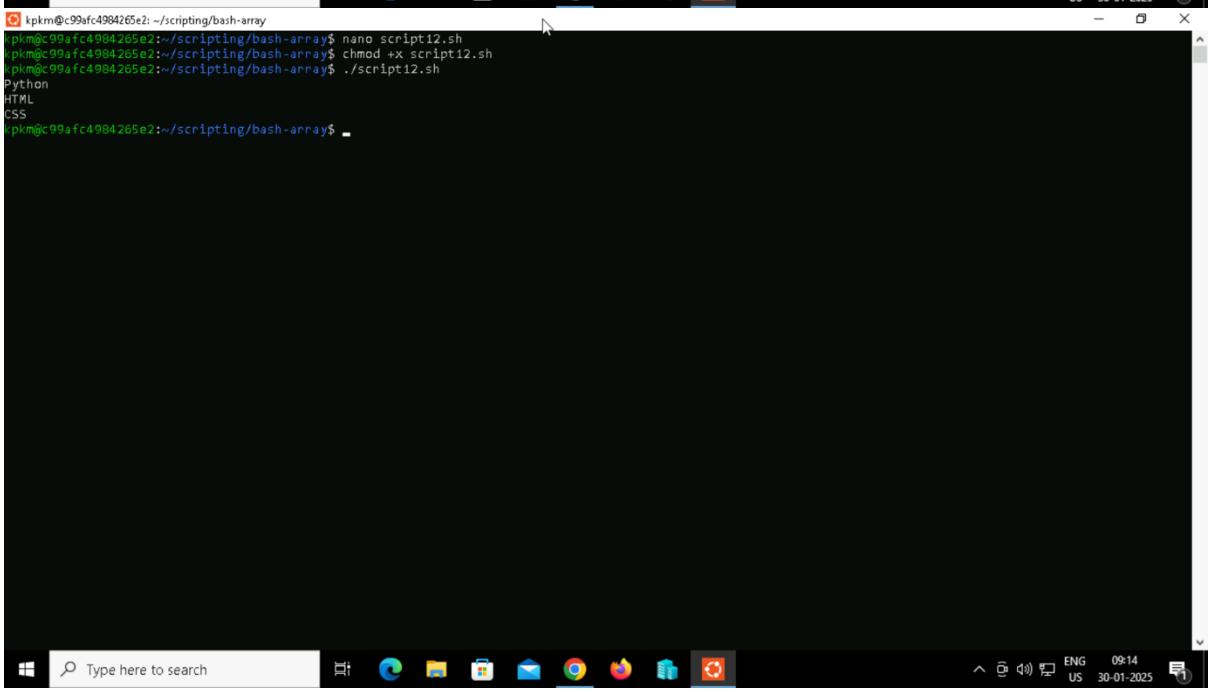
ENG US 09:14 30-01-2025


kpkm@c99afc4984265e2: ~/scripting/bash-array
kpkm@c99afc4984265e2:~/scripting/bash-array$ nano script12.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ chmod +x script12.sh
kpkm@c99afc4984265e2:~/scripting/bash-array$ ./script12.sh
Python
HTML
CSS
kpkm@c99afc4984265e2:~/scripting/bash-array$
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ENG US 09:14 30-01-2025