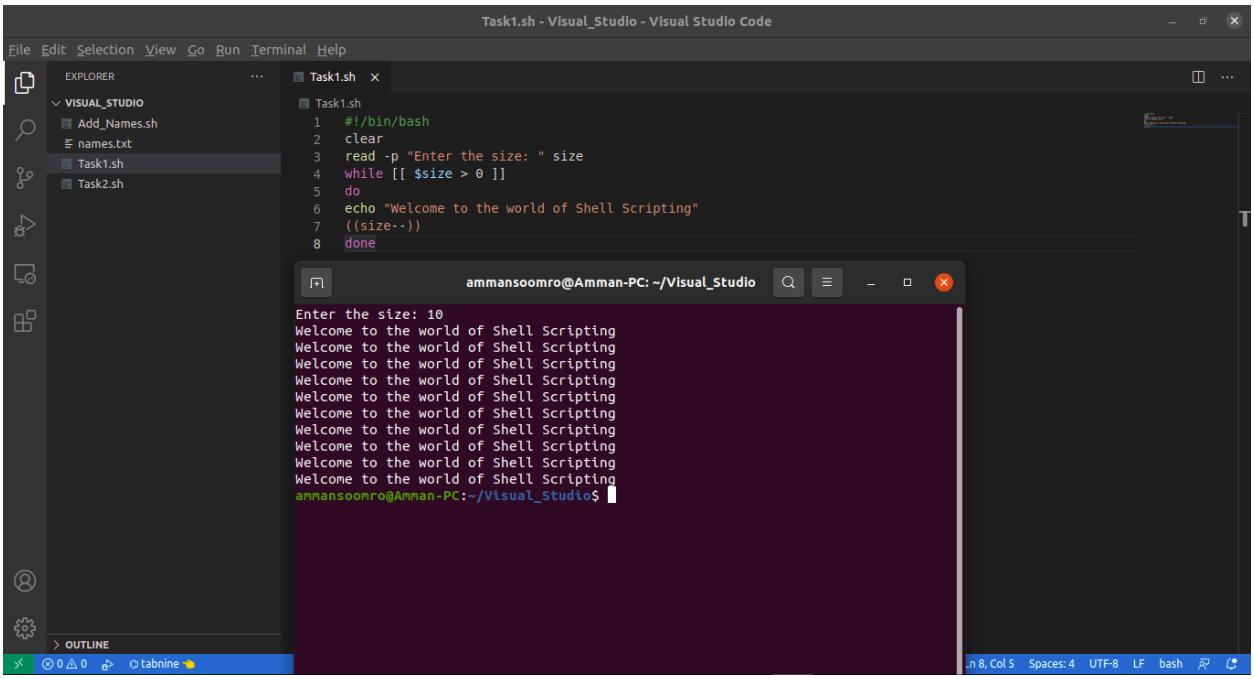
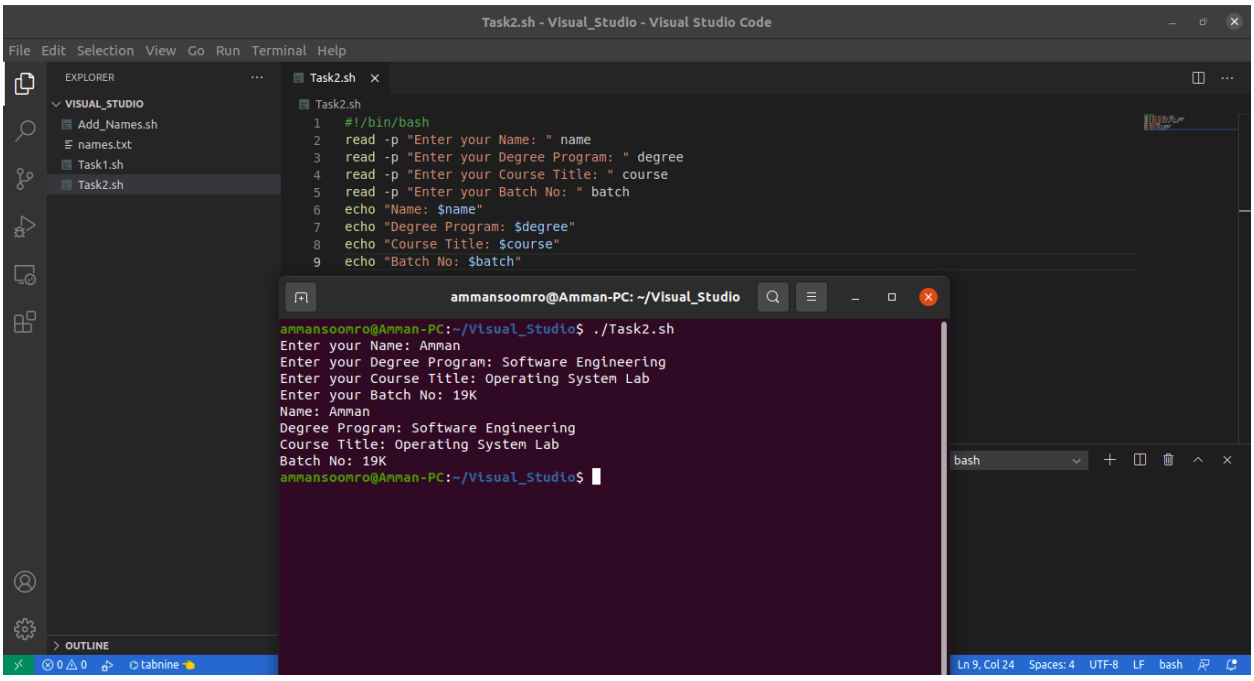
LAB 03 – 19K 1048

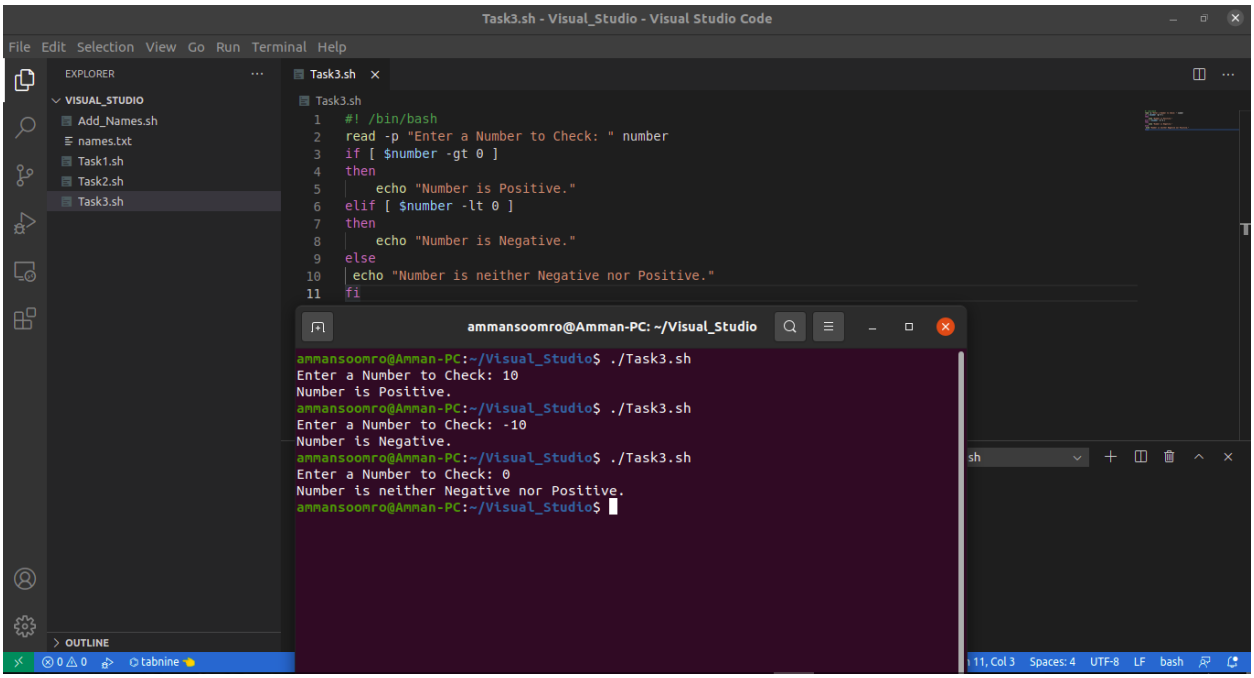
TASK 1



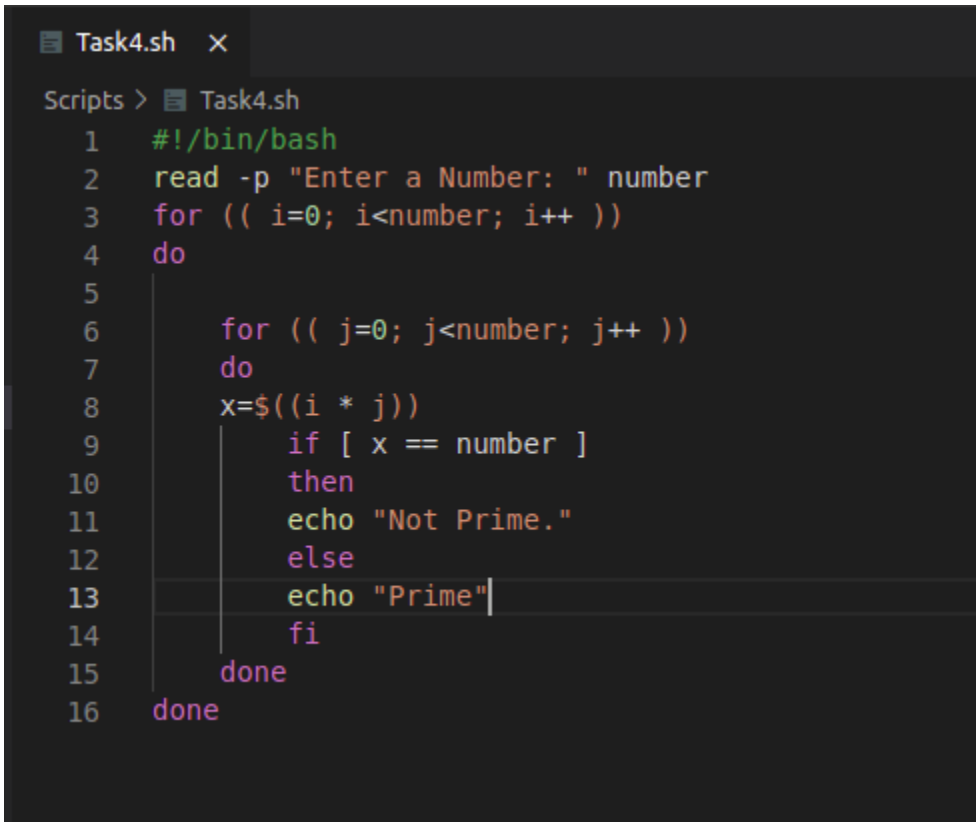
TASK 2



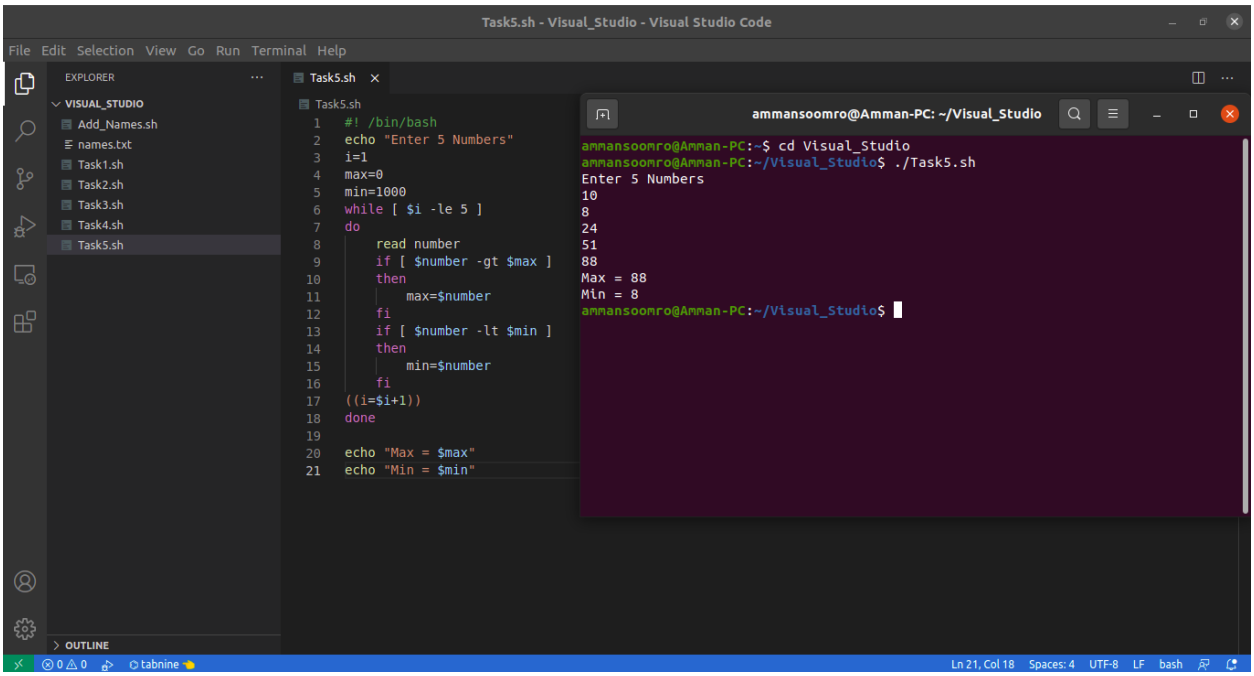
TASK 3


Task3.sh - Visual_Studio - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
VISUAL_STUDIO
Add_Names.sh
names.txt
Task1.sh
Task2.sh
Task3.sh
Task3.sh
#! /bin/bash
read -p "Enter a Number to Check: " number
if [$number -gt 0]
then
echo "Number is Positive."
elif [$number -lt 0]
then
echo "Number is Negative."
else
echo "Number is neither Negative nor Positive."
fi
ammansoomro@Amman-PC: ~/Visual_Studio
ammansoomro@Amman-PC:~/Visual_Studio$ ./Task3.sh
Enter a Number to Check: 10
Number is Positive.
ammansoomro@Amman-PC:~/Visual_Studio$ ./Task3.sh
Enter a Number to Check: -10
Number is Negative.
ammansoomro@Amman-PC:~/Visual_Studio$ ./Task3.sh
Enter a Number to Check: 0
Number is neither Negative nor Positive.
ammansoomro@Amman-PC:~/Visual_Studio$
OUTLINE
tabnine
Ln 11, Col 3 Spaces: 4 UTF-8 LF bash

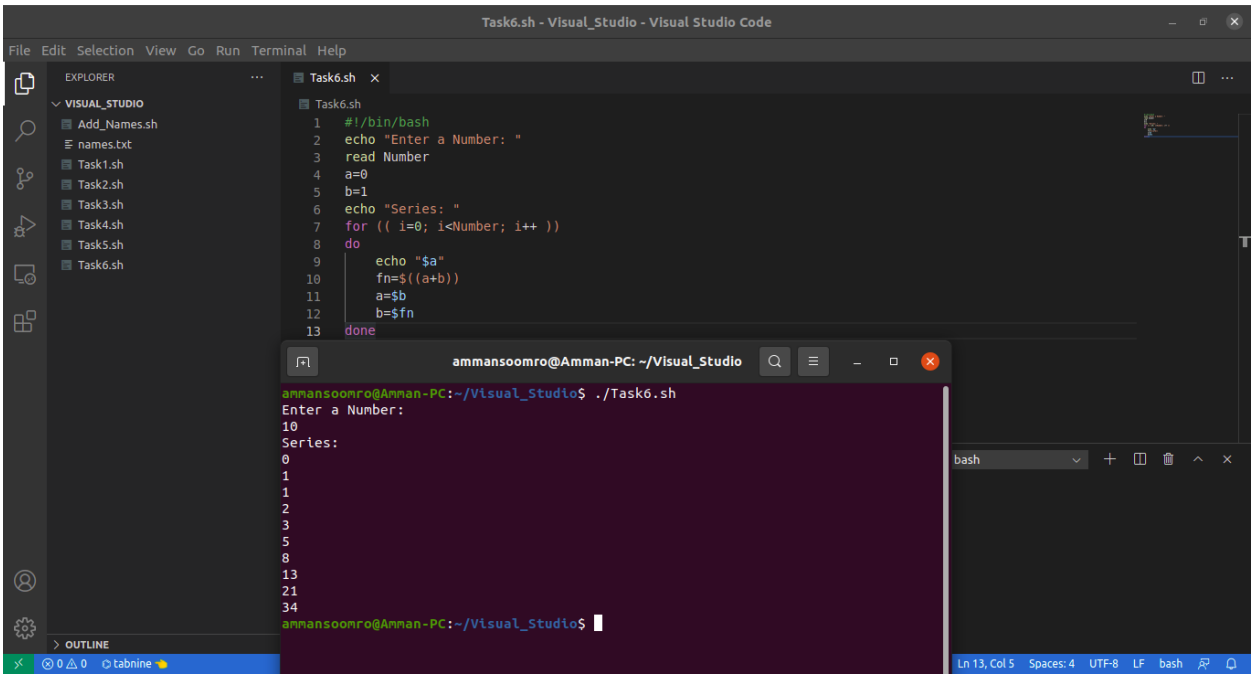
TASK 4


Task4.sh
Scripts > Task4.sh
#!/bin/bash
read -p "Enter a Number: " number
for ((i=0; i<number; i++))
do
for ((j=0; j<number; j++))
do
x=$((i * j))
if [x == number]
then
echo "Not Prime."
else
echo "Prime"
fi
done
done

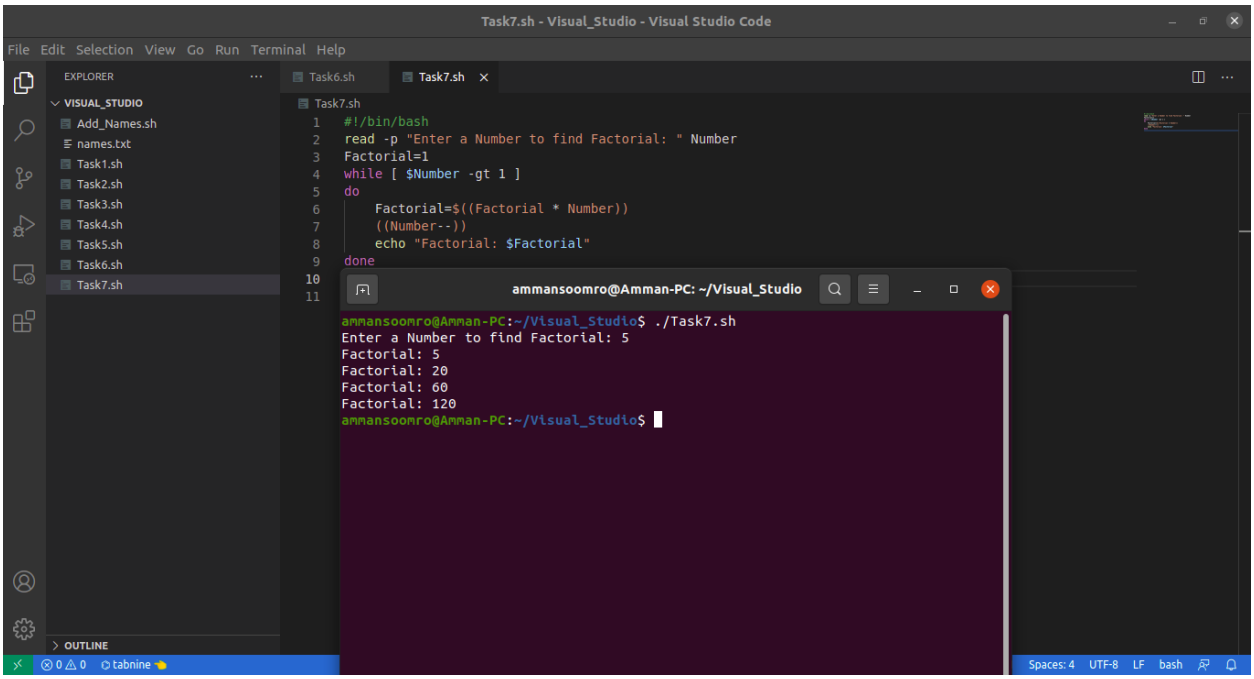
TASK 5


Task5.sh - Visual_Studio - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
VISUAL_STUDIO
Add_Names.sh
names.txt
Task1.sh
Task2.sh
Task3.sh
Task4.sh
Task5.sh
OUTLINE
Task5.sh
#! /bin/bash
echo "Enter 5 Numbers"
i=1
max=0
min=1000
while [$i -le 5]
do
read number
if [$number -gt $max]
then
max=$number
fi
if [$number -lt $min]
then
min=$number
fi
((i=$i+1))
done
echo "Max = $max"
echo "Min = $min"
ammansoomro@Amman-PC: ~/Visual_Studio
ammansoomro@Amman-PC:~$ cd Visual_Studio
ammansoomro@Amman-PC:~/Visual_Studio$ ./Task5.sh
Enter 5 Numbers
10
8
24
51
88
Max = 88
Min = 8
ammansoomro@Amman-PC:~/Visual_Studio$
Ln 21, Col 18 Spaces: 4 UTF-8 LF bash

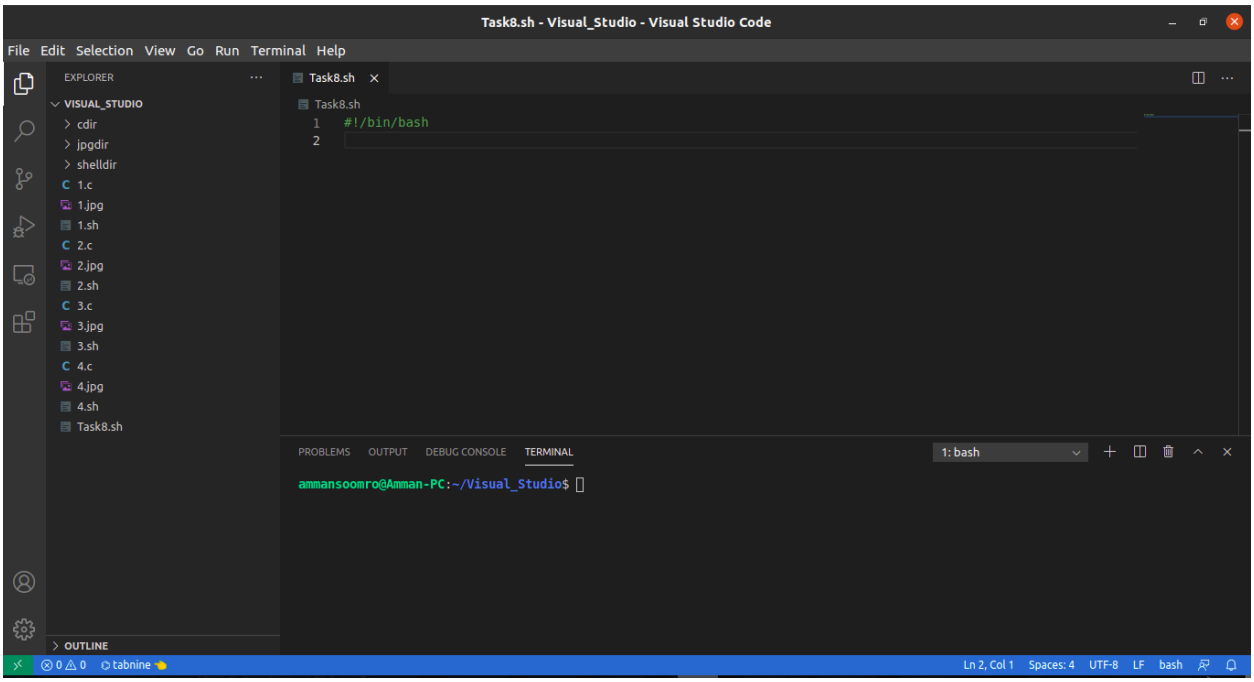
TASK 6

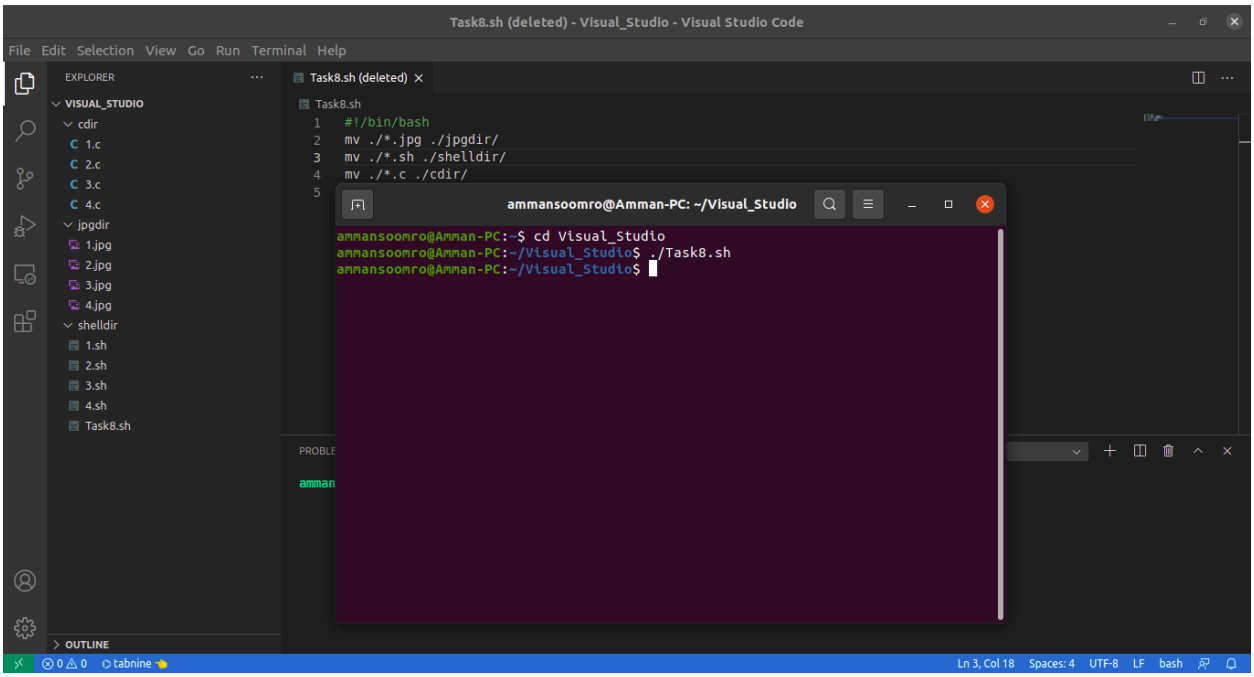

Task6.sh - Visual_Studio - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
VISUAL_STUDIO
Add_Names.sh
names.txt
Task1.sh
Task2.sh
Task3.sh
Task4.sh
Task5.sh
Task6.sh
OUTLINE
Task6.sh
#!/bin/bash
echo "Enter a Number: "
read Number
a=0
b=1
echo "Series: "
for ((i=0; i<Number; i++))
do
echo "$a"
fn=$((a+b))
a=$b
b=$fn
done
ammansoomro@Amman-PC: ~/Visual_Studio
ammansoomro@Amman-PC:~/Visual_Studio$ ./Task6.sh
Enter a Number:
10
Series:
0
1
1
2
3
5
8
13
21
34
ammansoomro@Amman-PC:~/Visual_Studio$
bash
Ln 13, Col 5 Spaces: 4 UTF-8 LF bash

TASK 7


Task7.sh - Visual_Studio - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
VISUAL_STUDIO
Add_Names.sh
names.txt
Task1.sh
Task2.sh
Task3.sh
Task4.sh
Task5.sh
Task6.sh
Task7.sh
Task6.sh
Task7.sh
Task7.sh
#!/bin/bash
read -p "Enter a Number to find Factorial: " Number
Factorial=1
while [$Number -gt 1]
do
Factorial=$((Factorial * Number))
((Number--))
echo "Factorial: $Factorial"
done
ammansoomro@Amman-PC: ~/Visual_Studio
ammansoomro@Amman-PC:~/Visual_Studio$ ./Task7.sh
Enter a Number to find Factorial: 5
Factorial: 5
Factorial: 20
Factorial: 60
Factorial: 120
ammansoomro@Amman-PC:~/Visual_Studio$
OUTLINE
Spaces: 4 UTF-8 LF bash

TASK 8


Task8.sh - Visual_Studio - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
VISUAL_STUDIO
cdir
jpgdir
shelldir
1.c
1.jpg
1.sh
2.c
2.jpg
2.sh
3.c
3.jpg
3.sh
4.c
4.jpg
4.sh
Task8.sh
Task8.sh
#!/bin/bash
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
1: bash
ammansoomro@Amman-PC:~/Visual_Studio$
OUTLINE
Ln 2, Col 1 Spaces: 4 UTF-8 LF bash


Task8.sh (deleted) - Visual_Studio - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
VISUAL_STUDIO
cdir
1.c
2.c
3.c
4.c
jpgdir
1.jpg
2.jpg
3.jpg
4.jpg
shelldir
1.sh
2.sh
3.sh
4.sh
Task8.sh
OUTLINE
Task8.sh (deleted)
Task8.sh
1 #!/bin/bash
2 mv ./*.jpg ./jpgdir/
3 mv ./*.sh ./shelldir/
4 mv ./*.c ./cdir/
5
ammansoomro@Amman-PC: ~/Visual_Studio
ammansoomro@Amman-PC:~$ cd Visual_Studio
ammansoomro@Amman-PC:~/Visual_Studio$ ./Task8.sh
ammansoomro@Amman-PC:~/Visual_Studio$
tabnine
Ln 3, Col 18
Spaces: 4
UTF-8
LF
bash