Part-C

1) Print “Hello,World!”

⇒

```
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ nano script.sh
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ bash script.sh
Hello,World!
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$
```

2) Print value of declared variable

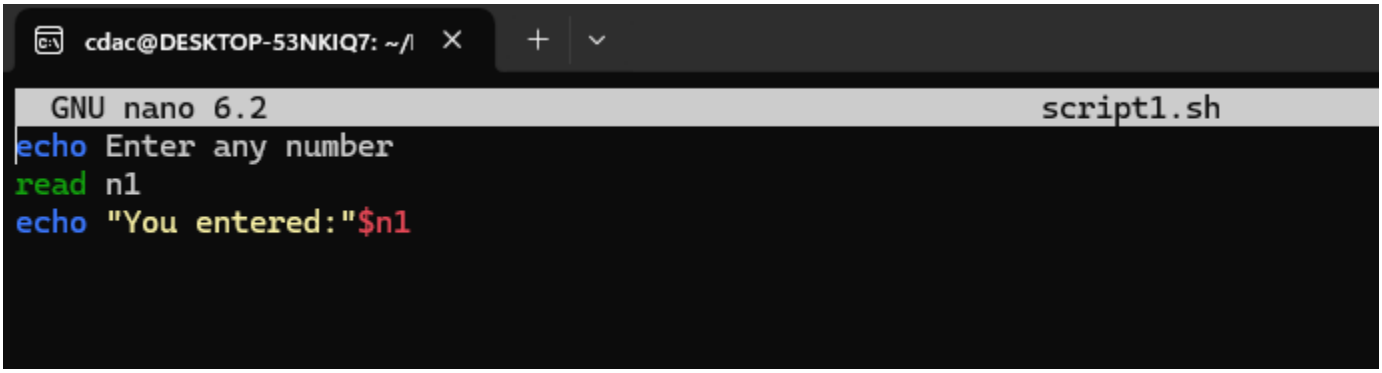
⇒

```
cdac@DESKTOP-53NKIQ7: ~/
  GNU nano 6.2                                          script.sh
#!bin/bash
name="Cdac Mumbai"
echo $name
```

```
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ nano script.sh
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ bash script.sh
Cdac Mumbai
```

3) Take input numeric value from user and print it

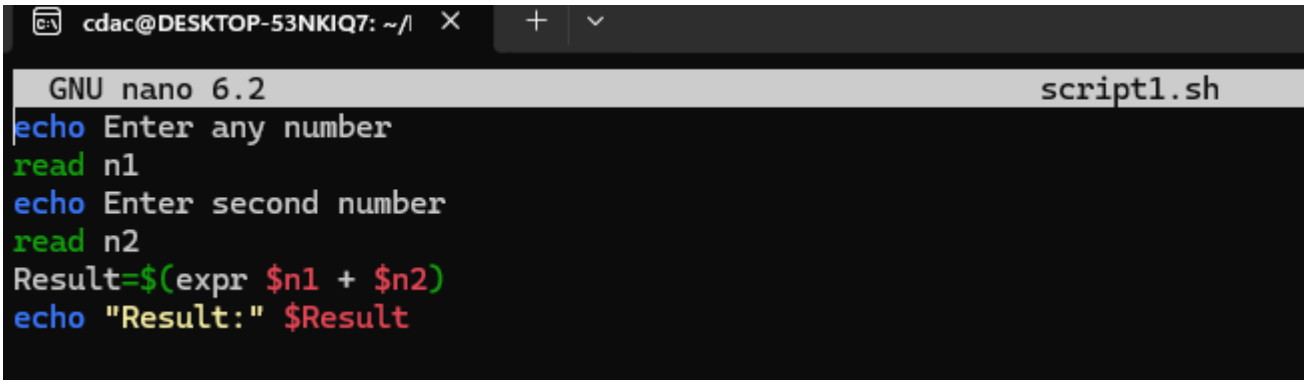
⇒




```
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ nano script.sh
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ nano script1.sh
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ bash script1.sh
Enter any number
5
You entered:5
```

4) Add two numbers and print their addition

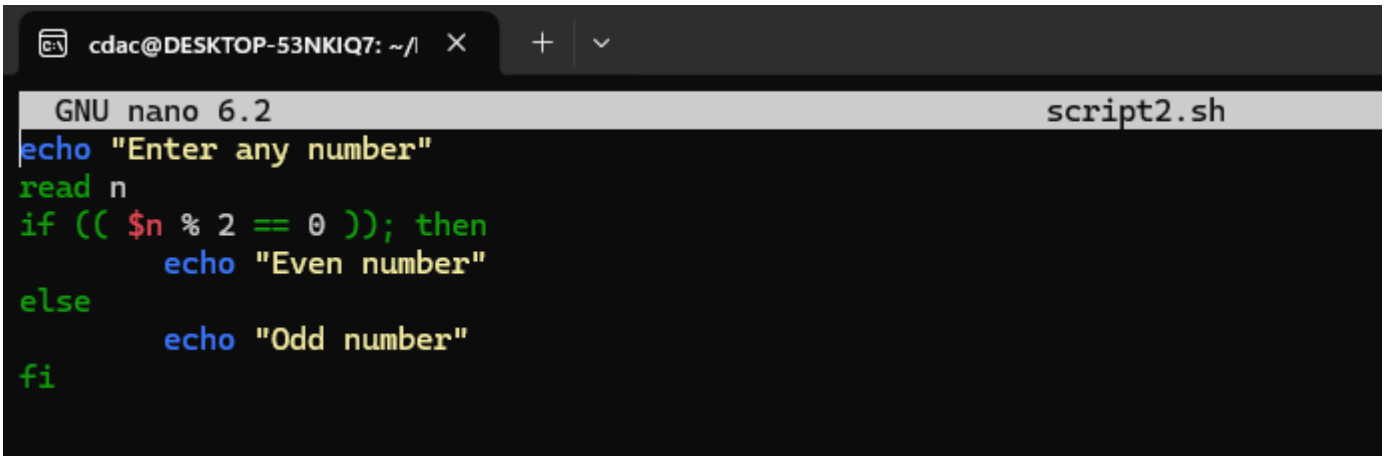
⇒




```
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ nano script1.sh
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ bash script1.sh
Enter any number
5
Enter second number
3
Result: 8
```

5) Even and Odd

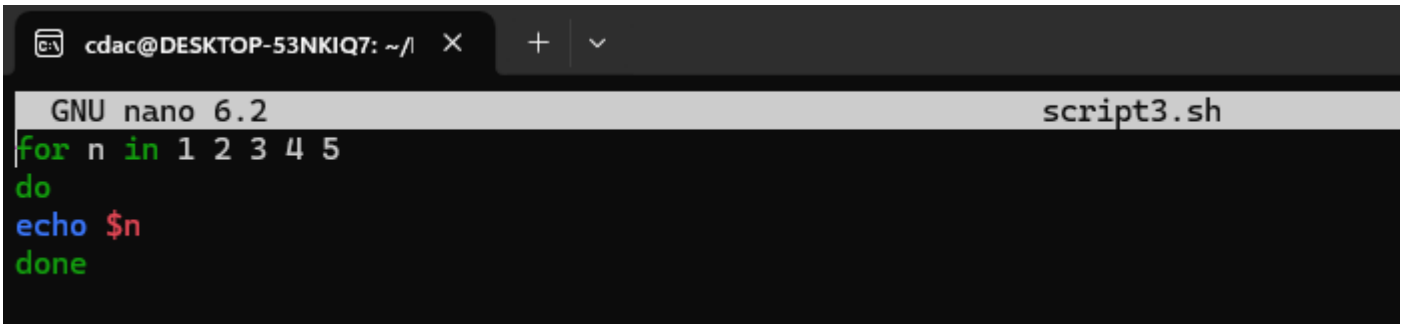
⇒




```
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ nano script2.sh
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ bash script2.sh
Enter any number
5
Odd number
```

6) Print 1 to 5 using for loop

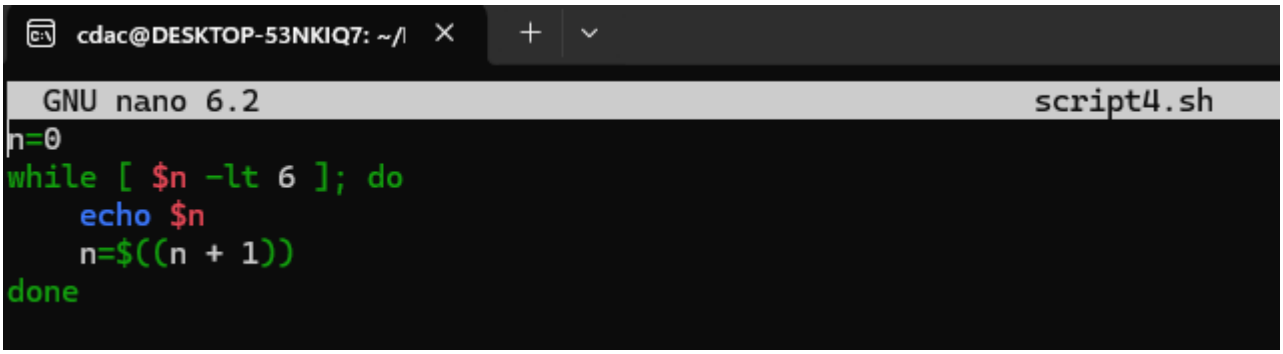
⇒

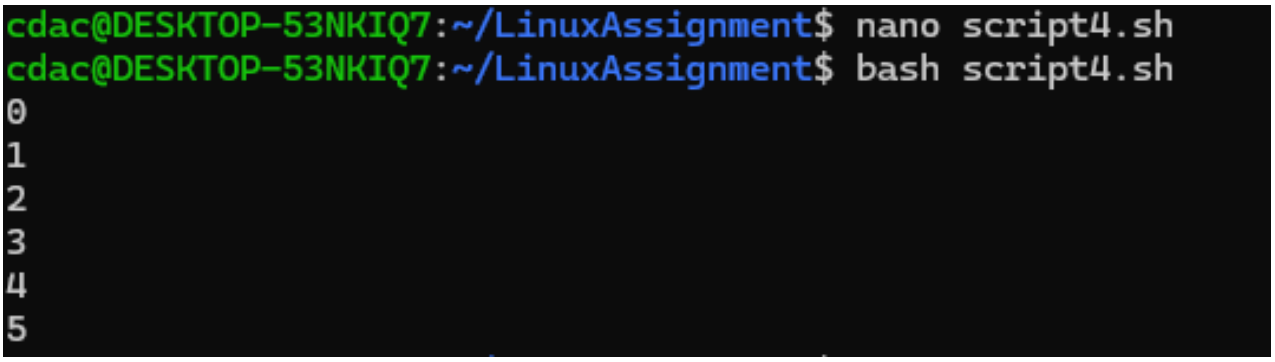



```
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ nano script3.sh
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ bash script3.sh
1
2
3
4
5
```

7) Print 1 to 5 using while loop

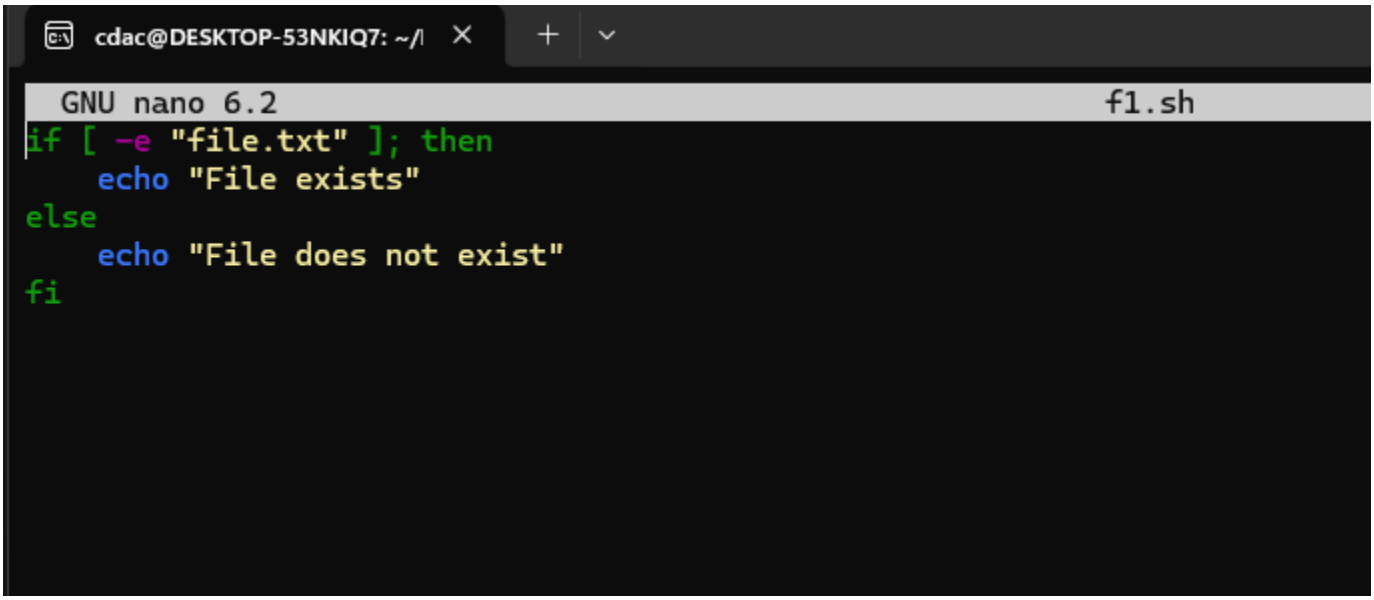
⇒

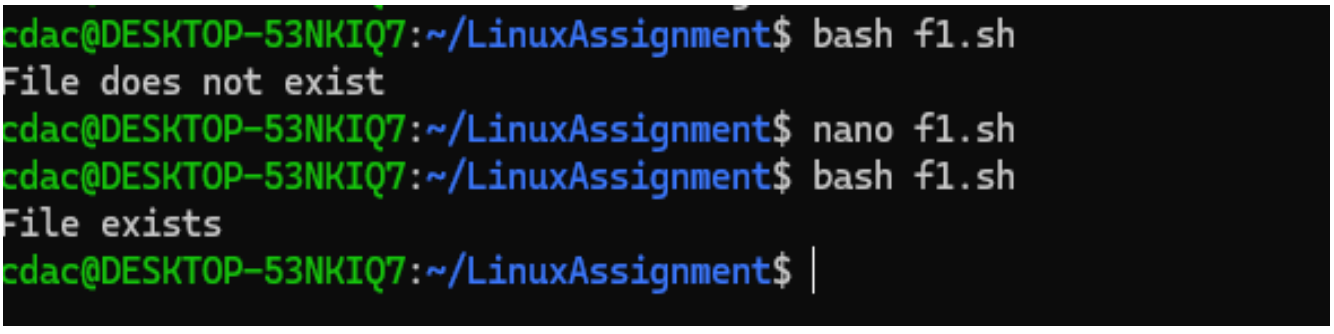




8) Checking if file exists (if exists print File exists otherwise File does not exist)

⇒





9) check if a number is greater than 10 and prints a message accordingly.

⇒

```
cdac@DESKTOP-53NKIQ7: ~/
 GNU nano 6.2                                    f2.sh
echo "Enter a number"
read n
if [ $n -gt 10 ]; then
 echo $n "is greater than 10"
else
 echo $n "is not greater than 10"
fi
```

```
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ nano f2.sh
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ bash f2.sh
Enter a number
2
2 is not greater than 10
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ bash f2.sh
Enter a number
14
14 is greater than 10
```

10) Print Multiplication table from 1 to 5 with proper formatting

⇒

```
cdac@DESKTOP-53NKIQ7: ~/
 GNU nano 6.2                                    f3.sh
for i in {1..10}; do
    for j in {1..5}; do
      printf "%-4s" "$((i * j))"
    done
    echo
done
```

```
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ nano f3.sh
cdac@DESKTOP-53NKIQ7:~/LinuxAssignment$ bash f3.sh
1   2   3   4   5
2   4   6   8   10
3   6   9   12  15
4   8   12  16  20
5   10  15  20  25
6   12  18  24  30
7   14  21  28  35
8   16  24  32  40
9   18  27  36  45
10  20  30  40  50
```