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LAB EXAM

Concepts of Programming & Derating System

Total Marks: 10 Time: 1 hour

1. Write a program to print a pattern like right angle triangle with numbers which will repeat a number in a row.

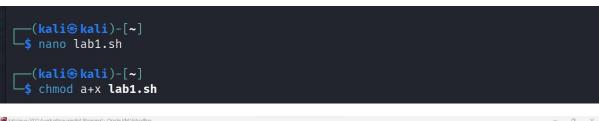
The pattern is as follows:

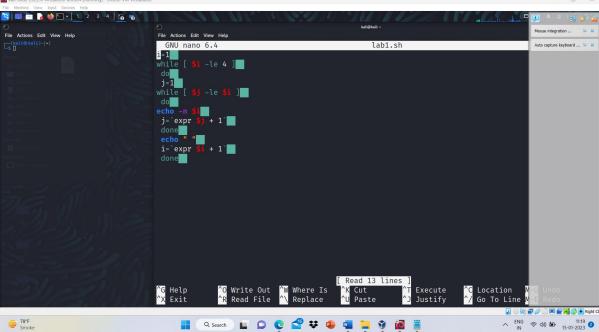
1

22

333

4444





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```
      (kali⊗ kali)-[~]

      $ nano lab1.sh

      (kali⊗ kali)-[~]

      $ ./lab1.sh

      1

      22

      333

      4444
```

2. Write a C Program to create two processes where child process sends message to parent. Implement it using pipe system call. pipe ().

```
(kali kali) - [~]
$ nano q2.c

(kali kali) - [~]
$ gcc q2.c - o q2

(kali kali) - [~]
$ ./q2
Passing value to child
Child received data

(kali kali) - [~]
$ .
```

