


Assignment 5

Simulate RPC (Create procedure on remote machine and call it from local machine)

List of programs for RPC

1. Find out the factorial of given number.
2. Implement Calculator (Basic operation).
3. Find out whether given number is Prime Number or not.
4. Print out the Fibonacci series till the given number.
5. Find the maximum value of an array of integers using RPC.

Server:



```
└─$ sudo ./assign6_server: Permission denied

└─(kalpgohil@kalp:~/etc/init.d)
└─$ sudo systemctl start
[sudo] password for kalpgohil:

└─(kalpgohil@kalp:~/etc/init.d)
└─$
```

Client:

```
$ sudo ./assign_client localhost
```

- 1) Find out the factorial of given number.
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- 3) Find out whether given number is Prime Number or not.
- 4) Print out the Fibonacci series till the given number.
- 5) Find the maximum value of an array of integers using RPC.
- 6) exit

Enter the number corresponding to task to run that fun : 1

——Factorial——

Enter the number : 5

factorial of 5 is 120

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Enter the number corresponding to task to run that fun : 2

——Calculator——

Enter data like 2 + 3 : 5 + 7

5 + 7 = 12

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```

Enter the number corresponding to task to run that fun : 3
——Prime——
Enter the number : 7
7 is PRIME

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Enter the number corresponding to task to run that fun : 4
——Fibonacci——
Enter the number : 5
0 1 1 2 3 5

1) Find out the factorial of given number.
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5) Find the maximum value of an array of integers using RPC.
6) exit

Enter the number corresponding to task to run that fun : 5
——Prime——
Enter the size of array : 5
Enter the elements : 1 5 3 4 2
Max element in the array is : 5

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6) exit

Enter the number corresponding to task to run that fun : 6
exit

```