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1 <?php
2 /* Practical-3:
3 a) Write a PHP script to calculate first 20 numbers of fibonacci series.
4 b) Write a PHP script to calculate sum of prime numbers from 1 to 100.
5 c) Write a PHP script to draw pascal triangle till level 5.
6 d) Write a PHP script to take username and password as input and print it as key- value pair.
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12 //PART-A
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```
13 $t1 = 0;
14 $t2 = 1;
15 $n = 0;
16 echo "First 20 numbers in Fibonacci Series --> ";
17 echo $t1.' '.$t2.' ';
18 while ($n < 18)
19 {
20     $t3 = $t2 + $t1;
21     echo $t3.' ';
22     $t1 = $t2;
23     $t2 = $t3;
24     $n += 1;
25 }
26
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27 //PART B
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```
28 $sum = 0;
29 for ($number = 2; $number <= 100; $number++)
30 {
31     $isPrime = true;
32     for ($i = 2; $i <= sqrt($number); $i++)
33     {
34         if ($number % $i === 0)
35         {
36             $isPrime = false;
37             break;
38         }
39     }
40     if ($isPrime)
41     {
42         $sum += $number;
43     }
44 }
45 echo "\n"."\\n"."Sum of prime numbers from 1 to 100 --> $sum"."\\n\\n";
46
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47 //PART C
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```
48 $r = 5;
49 $c = 1;
50 for ($i = 0; $i < $r; $i++)
51 {
52     echo "\t";
53     for ($s = 1; $s <= $r - $i; $s++)
54     {
55         echo " ";
56     }
57     for ($j = 0; $j <= $i; $j++)
58     {
```

```
59     if ($j == 0 || $i == 0)
60     {
61         $c = 1;
62     }
63     else
64     {
65         $c = $c * ($i - $j + 1) / $j;
66     }
67     echo $c . " ";
68 }
69 echo "\n";
70 }
71 echo "\n";
72 ?>
```