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OS: Parrot Security OS(Linux)
Server: Apache2
Editor: VSCodium (VSCode for linux)

AIM:

To develop a web application can do Number based Character Repetiton using PHP forms.

SOURCE CODE:

assess_01.html:-

```html
<!DOCTYPE html>
<title>
  Character repeater
</title>
<html>
  <body>
    <h2 style="color: #dc143c;">Number Based Character
Repetition</h2>
      <form action="./assess.php">
        Enter Your Input: <input type="text" name="inp" size=20><br>
        <input type="submit" value="Show Output">
      </form>
  </body>
</html>
```

assess.php:-

```php
<?php
    $input = str_split($_GET["inp"]);
    $newstr = "";
    $len=count($input);
    $i=0;
    for(;$i<$len;$i+=2)
    {
      for($c=0;$c<$input[$i+1];$c+=1)
      {
        $newstr = $newstr.$input[$i];
      }
    }
    echo "<h2>The output for the given is ".$newstr."</h2>";
?>
```

OUTPUT:

Number Based Character Repetition

Enter Your Input: [a4b2c6]

[Show Output]

The output for the given is aaaabbcccccc

Number Based Character Repetition

Enter Your Input: [x6y4z2]

[Show Output]

The output for the given is xxxxxxyyyyzz

RESULT:

Thus, a Number based Character repeater web application was developed using PHP.