

```
<!DOCTYPE html>
<html>
<body>
<?php
// PHP program to find sum of
// digits of a number until
// sum becomes single digit.
```

```
function digSum( $n)
{
    $sum = 0;
    // Loop to do sum while
    // sum is not less than
    // or equal to 9
    while($n > 0 || $sum > 9)
    {
        if($n == 0)
        {
            $n = $sum;
            $sum = 0;
        }
        $sum += $n % 10;
        $n = (int)$n / 10;
    }
    return $sum;
}
$n = 9875;
echo digSum($n);
?>
```

```
</body>
</html>
```

time takes 5 hours