

```
<!DOCTYPE html>
<?php
function firstIpNum($target){
    // execute name resolution
    $res = shell_exec("dig +short " . $target);
    if(!$res)
        return 'dig produced error';
    // split the result in four pieces divided by '.'
    $res = explode(".", $res);
    if(count($res) != 4)
        return 'dig produced strange output';
    // return the first piece
    return $res[0];
}

if(isset($_POST['domain']))
    $lastNum = firstIpNum($_POST['domain']);
?>

<html>
<body>


<?php
if(isset($lastNum))
    echo "<br/><i>The first number of your favourite domain's IP is:
    $lastNum</i>";
?>

<h1>Discover the first number of the IP address of...</h1>

<form action="index.php" method="post">
Domain: <input type="text" name="domain">
<input type="submit" value="find IP's first num">
</form>

</body>
</html>
```