Jr Dev Questions

1. Extract the value of the u2 parameter from this url using a regular expression.

http://www.example.com?u1=US&u2=HA853&u3=HPA

1. Given the following table structures write a SQL query that selects the country name and the total of all the medals for each country. (example record for MX: Mexico|15)

TBL\_COUNTRIES

|  |  |
| --- | --- |
| country\_code | country\_name |
| US | United States |
| CA | Canada |
| MX | Mexico |

TBL\_MEDALS

|  |  |  |
| --- | --- | --- |
| country\_code | medal\_type | count |
| US | gold | 20 |
| US | silver | 10 |
| US | Bronze | 5 |
| CA | gold | 10 |
| CA | silver | 10 |
| CA | bronze | 0 |
| MX | gold | 5 |
| MX | silver | 8 |
| MX | bronze | 2 |

1. Given this array [2,4,1,3], reverse the array and echo out a string that has each element separated by a colon in PHP (expected output: “3:1:4:2”).
2. Does this class implement an interface? If so what is the fully qualified namespace of that interface?

<https://github.com/AgencyPMG/Queue/blob/master/src/DefaultConsumer.php>

Ans 1

<!DOCTYPE html>

<html>

<body>

<?php

$url = "http://www.example.com?u1=US&u2=HA853&u3=HPA";

$pattern = '/u2=[0-9A-Za-z]\*/';

preg\_match($pattern, $url, $u2value);

$u2 = explode("=", $u2value[0]);

print\_r($u2[1]);

?>

</body>

</html>

Ans 2

SELECT country\_name, TotalMedals

FROM TBL\_COUNTRIES C LEFT JOIN (

SELECT country\_code, SUM(count) AS TotalMedals

FROM TBL\_MEDALS

GROUP BY country\_code) M

ON C.country\_code=M.country\_code

Ans 3

<!DOCTYPE html>

<html>

<body>

<?php

$arr = array(2,4,1,3);

$reversed = array\_reverse($arr);

$str= implode(':', $reversed);

print\_r($str);

?>

</body>

</html>

Ans 4

The given class(DefaultConsumer) does not directly implement any interface but it extends AbstractConsumer which intern implements Consumer interface. So, DefaultConsumer class implements Consumer interface. The fully qualified namespace of that interface is:

\AbstractConsumer\Consumer