Create Array and loop th using for loops and foreach loop.

```php
<?php
$subjects = array ("DBMS", "Scripting_Language",
            "Software_Engineering");
echo "Using for loop:<br>";
for ($i=0; $i<count($subjects); $i++)
{
   echo $subjects[$i]. "<br>";
}
echo "Using foreach loop:<br>";
echo "Subjects are: <br>";
foreach ($subjects as $subject)
{
echo $subject.", ";
}
?>
```

Output
Using for loop:
DBMS
Scripting_Language
Software_Engineering

Using foreach loop:
Subjects are:
DBMS, Scripting_Language, Software_Engineering,

2. Sort array by values, keys (reverse sort also).

```php
<?php
$cars = array("Volvo"=>22, "BMW" => 15, "Saab" => 5,
        "Land-Rover =>17");

echo "<b>Sort by values: <1b><br>";
asort($cars);
foreach($cars as $key => $value)
{
    echo "key=". $key. "value =". $value. "<br>";
}
echo "<b> Rererse sort by values: <1b><br>";
rsort($cars);
foreach($cars as $key => $value)
{
    echo "key=". $key. "value = ". $value. "<br>";
}

echo "<b> Sort by key <1b><br>";
ksort($cars);
foreach($cars as $key => $value)
{
    echo "key= ". $key. "value = " .$value. "<br>";
}

echo "<b> Reverse Sort of keys <1b><br>";
krsort($cars);
foreach($cars as $key => $value)
{
    echo "key= ". $key. "value = ". $value. "<br>";
}
```

3

Output:

Sort by values:
key=0   value = 5
key=1   value = 15
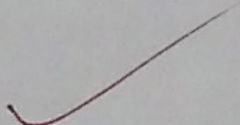key=2   value=17
key=3   value = 22

Reverse sort by values:
key=0   value= 22
key = 1   value = 17
key = 2   value = 15
key=3   value =5

Sort by key:

key =BMW value = 15
key = Land_Rover value=17
key = Saab value = 5
key =Volvo value = 22

Reverse sort of keys:

key = Volvo value = 22
key = Saab value = 5
key = Land_Rover value=17
key= BMW value = 15

1 Create function with return value, with no parameter, one parameter, two parameter and parameter with default value.

```php
<?php
echo "<b> Create function with return value</b><br>";

function sum()
{
    $a=10;
    $b=20;
    $c=$a+$b;
    return $c;
}
echo "Sum of 10 and 20 is ".sum(); "<br>";
echo "<b> With one parameter </b><br>";

function sum1($a)
{
    $b=30;
    $c=$a+$b;
    return $c;
}
echo "Sum of 40 and 30 is ".sum1(40)."<br>";

echo "<b> With two parameters </b><br>";

function product($a,$b)
{
    $c=$a*$b;
    return $c;
}
echo "Product of 10 and 20 is".product(10,20);
echo "<br>";
```

```php
echo "<b> Parameters with default value </b> <br/>";
function sum2 ($a = 10, $b = 30)
{
    $c = $a + $b;
    return $c;
}
echo "Sum of 10 and 30 is ". sum2();
```

Output

Create function with return value
Sum of 10 and 20 is 30
With one parameter
Sum of 40 and 30 is 70
With two parameters
Product of 10 and 20 is 200
Parameters with default value
Sum of 10 and 30 is 40