1. Nadir bought some items in LuLu Supermarket in Dubai and he would like to do some analysis in each and every product price in his bill. His bill consists of integer and floating point amount. Write a JavaScript code to input the price of each product. Write a JS Code to calculate the number of integer amount input and its total, the number of floating point amount input and its total.

<html>

<head>

</head>

<body><?php

$n;

$int\_cost;

$float\_cost;

$sumi;

$sumf;

$cost=array(45,355,335,32.55,33.554,33);

$arraylen= count($cost);

for ($i = 0; $i < $arraylen; $i++) {

if(is\_int($cost[$i])){

$int\_cost++;

$sumi+=$cost[$i];

}

else {

$float\_cost++;

$sumf+=$cost[$i];

}

}

echo "the integer sum is $sumi <br>";

echo "the float sum is . $sumf <br>" ;

echo "the integer values are $int\_cost. <br>";

echo "the integer values are $float\_cost\_cost. <br>";

?>

</body>

</html>

1. BSNL company charges its customers for 3G data usage as follows:

Data Usage in MBs Rate of Charges

0 - 240 Rs. 35

241 - 1000 Rs. 140 plus Rs. 0.30 per MB Excess of 300

1001 – 2000 Rs. 240 plus Rs. 0.50 per MB Excess of 1600

2001 and above Rs. 790 plus Rs. 0.30 per MB Excess of 2900

<!doctype html>  
<html>

<?php

$number;

$cost=1400;

$h;

$wage;

if ($cost<=240) {

echo "Rs.235";

}

elseif ($cost>=241 and $cost<=299) {

echo "Rs.140";

}

elseif ($cost>=300 and $cost<=1000) {

$h=$cost-300;

$wage=140+($h\*0.30);

echo ($wage);

}

elseif ($cost>=1001 and $cost<=1600) {

echo "Rs.240";

}

elseif ($cost>=1600 and $cost<=2000) {

$h=$cost-1600;

$wage=240+($h\*0.5);

echo ($wage);

}

elseif ($cost>=2001 and $cost<=2900) {

echo "Rs.790";

}

elseif ($cost>=2900) {

$h=$cost-2900;

$wage=790+($h\*0.30);

echo ($wage);

}

?>  
</html>

1. In 1999, India proposed a positional method for determining the outcome of an election with Kvoters and N candidates. Each voter ranks the candidates in increasing order of preference from 1 to N. All the voters should enter the choice of preferences for all the candidates. This method assigns a score to each candidate which equals the sum of their individual rankings recorded by every voter. The candidate with the highest sum wins.

Write JS code for this scenario.

<html>

<head>

<script type="text/javascript">

var nc,c,nv,v;

nv=window.prompt("Enter the number of voters");

n=parseInt(nv);

nc=window.prompt("Enter the number of candidates");

c=parseInt(nc);

var vote=new Array();

for(var i=0;i<c;i++)

{

vote[i]=0;

}

for(var j=0;j<n;j++)

{

for(var i=0;i<c;i++)

{

var temp=window.prompt("Enter the preference for candidate"+(i+1)+" ");

var t=parseInt(temp);

vote[i]=vote[i]+t;

}

}

var temp=0,t=0;

for(var i=0;i<c;i++)

{

if(temp<vote[i])

{

temp=vote[i];

t=i;

}

}

document.writeln("candidate "+(t+1)+"th has highest votes");

</script>

</head>

</html>