**QUESTION 1:**A parking garage charges a $2.00 minimum fee to park for up to three hours. The garage charges an additional $0.50 per hour for each hour or part thereof in excess of three hours. The maximum charge for any given 24-hour period is $10.00. Assume that no car parks for longer than 24 hours at a time. Write a script that calculates and displays the parking charges for each customer who parked a car in this garage yesterday. You should input from the user the hours parked for each customer. The program should display the charge for the current customer and should calculate and display the running total of yesterday's receipts. The program should use the function calculate-Charges to determine the charge for each customer. Use a prompt dialog to obtain the input from the user.

**CODE:**

<html>

<head>

<title>18BIT0048: Q1 of 2nd assesment</title>

</head>

<body>

<script>

function myfunc(hours)

{

var elapsed=hours;

var cost=2.0;

if(hours<=3);

else

{

elapsed-=3;

var i=0;

for(i=0;i<elapsed;i++)

if(cost>=10.0);

else cost+=0.5;

}

document.write("<p>total cost for "+hours +" hours is $"+cost+"</p>");

return cost;

}

var a="hi",h=0,revenue=0,n=0;

a=prompt("Enter number of customers: ");

if(a!=null&& a!="")n=parseInt(a);

var i=0;

for(i=0;i<n;i++)

{

a=prompt("Enter number of hours for current customer: ");

if(a!=null&& a!="")h=parseInt(a);

revenue+=myfunc(h);

}

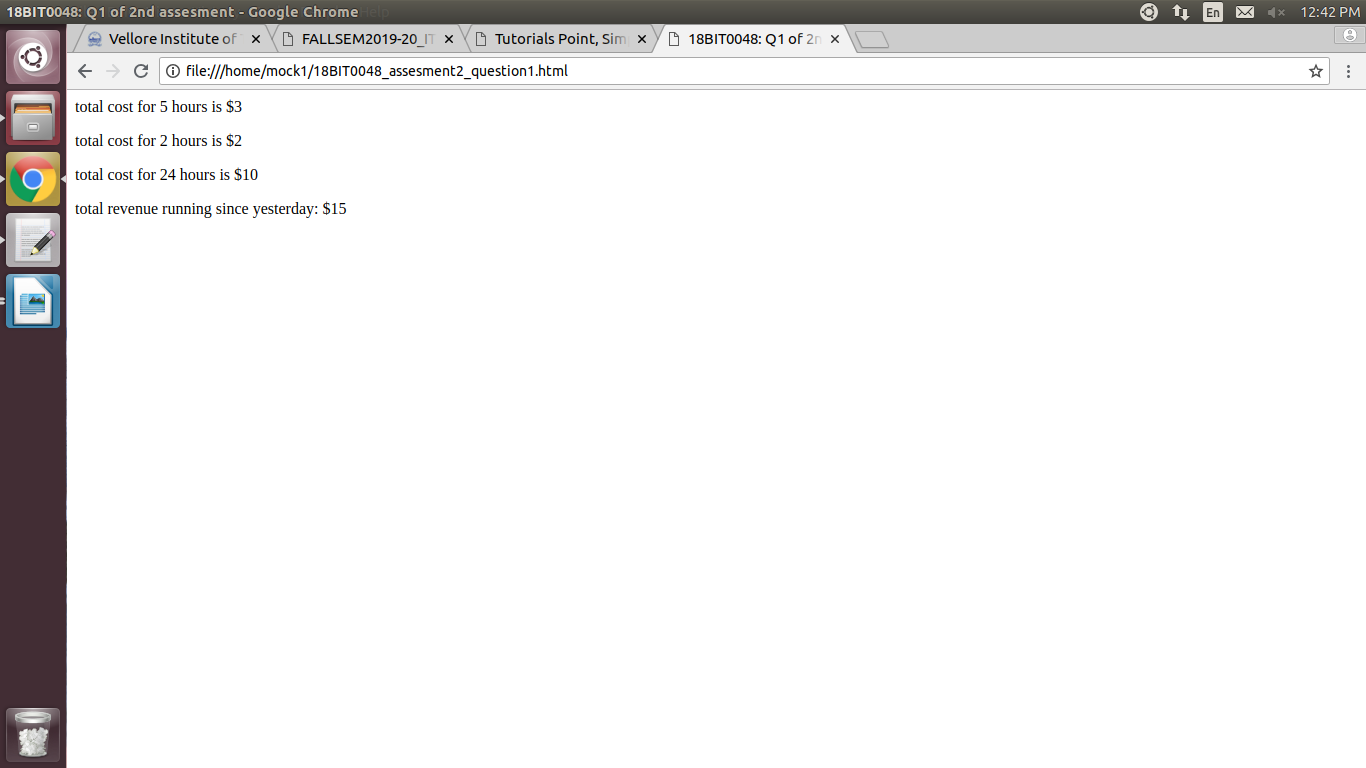
document.write("total revenue running since yesterday: $"+revenue);

</script>

</body>

</html>

**OUTPUT SCREENSHOT:**

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