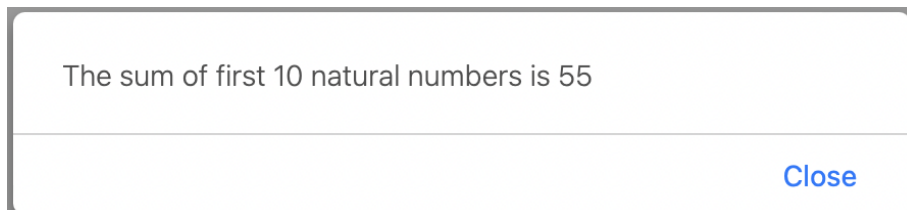


LAB -2 Week 2

1.

```
<!DOCTYPE html>
<html >
<head>
  <title>Sum of first 10 natural numbers</title>
</head>
<body>
  <script>
    var i = 1;
    var sum = 0;
    for(;i<=10;i++)
    {
      sum += i;
    }
    alert("The sum of first 10 natural numbers is " + sum);
  </script>
</body>
</html>
```



2.

```
<!DOCTYPE html>
<html >
<head>
  <title>Sum of first 10 natural numbers</title>
</head>
<body>
  <script>
    var a,b;
    a = prompt("Enter the first number ");
    b = prompt("Enter the second number ");
    function max(a, b)
    {
      if(a>b)
        alert("The larger number is " + a);
      else if(b>a)
        alert("The larger number is " + b);
      else
        alert("They both are equal");
    }
    max(a,b);
  </script>
</body>
</html>
```

Enter the first number

Cancel OK

Enter the second number

Cancel OK

The larger number is 34

Close

3.

```
<!DOCTYPE html>
<html >
<head>
  <title>Sum of first 10 natural numbers</title>
</head>
<body>
  <script>
    var str=prompt("Enter the string you want to convert ");
    var con = "";
    let len = str.length;

    for(let i = 0; i<len; i++)
    {
      if(str[i]=='a' || str[i]=='e' || str[i]=='i' || str[i]=='o' || str[i]=='u' || str[i]==' ')
        con=con+str[i];
      else
        con =con +str[i]+'o'+str[i];
    }
    alert("The converted string is " + con);

  </script>
</body>
</html>
```

<p>Enter the string you want to convert</p> <input type="text" value="this is fun"/> <p>Cancel OK</p>	<p>The converted string is tothohisos isos fofunon</p> <p>Close</p>
---	---

4.

```
<!DOCTYPE html>
<html >
<head>
  <title>Sum of first 10 natural numbers</title>
</head>
<body>
  <script>
    const days = ["Monday","Tuesday","Wednesday","Thursday","Friday","Saturday","Sunday"];
    const coffee = [];
    const size = [];
    alert("Welcome to Starbucks Coffee. I am your assistant and we will create a weekly
schedule for your coffee");

    alert("We need to know your coffee preference for the week. Press OK when you are
ready");

    for(let i = 0; i<7; i++)
    {
      var a = prompt(days[i]+ ": What would you prefer a Latte, a Cappuccino or a
Frappucino? Press 1 for Latte, 2 for Cappuccino and 3 for Frappucino");
      if(a==1)
        coffee[i] = "Latte";
      else if(a==2)
        coffee[i] = "Cappuccino";
      else
        coffee[i]= "Frappucino";

      var b = prompt("What size of coffee would you like? \n Press 1 for Tall, 2 for a Grande
and a 3 for Venti");

      if(b == 1)
        size[i]= "Tall";
      else if(b ==2)
        size[i] = "Grande";
      else
        size[i] = "Venti";

    }
    var toBePrinted = "";
    for(let i = 0;i<7; i++)
    {
      toBePrinted = toBePrinted + days[i] + ": " + size[i] + " " + coffee[i] + "\n";
    }
  }
</script>
</body>
</html>
```

```
}  
    alert("The following coffee will be delivered to you in the next week. Thank you for visiting  
Starbucks! \n" + toBePrinted);
```

```
</script>  
</body>  
</html>
```

The following coffee will be delivered to you in the next week.
Thank you for visiting Starbucks!
Monday: Grande Latte
Tuesday: Venti Cappuccino
Wednesday: Tall Frappuccino
Thursday: Tall Cappuccino
Friday: Grande Frappuccino
Saturday: Tall Cappuccino
Sunday: Venti Latte

[Close](#)