JavaScript Tasks Document

Topic: Looping Statements(for)

Task 1: Print Numbers from 1 to 10

Write a for loop that prints all the numbers from 1 to 10, each on a new line.

Code1:

```
for(var i=1;i<=10;i++){
    console.log(i)
}
```

Task 2: Print Multiplication Table

Create a for loop that prints the multiplication table for the number 5, from 1 to 10. For example, it should print 5 x 1 = 5, 5 x 2 = 10, and so on up to 5 x 10 = 50.

Code2:

```
for(var i=1;i<=10;i++)
{
    console.log("5" +"X" +i+"=" +5*i)
}
```

Task 3: Sum of First 10 Natural Numbers

Use a for loop to calculate and print the sum of the first 10 natural numbers (1 to 10).

Code3:

```
var x=0
for(var i=1;i<=10;i++)
{
   x+=i
}
console.log("sum of first 10 natural numbers is: "+x)
```

Task 4: Print Numbers Divisible by 3 from 1 to 30

Create a for loop that prints all numbers between 1 and 30 that are divisible by 3.

Code4:

```
for(var i=1;i<=30;i++){
   if(i%3==0){
      console.log(i)
   }
}
```

Task 5: Print Square of Numbers from 1 to 10

Write a for loop that prints the square of each number from 1 to 10. For example, it should print 1 squared is 1, 2 squared is 4, and so on up to 10 squared is 100.

Code:

```
for(var i=1;i<=10;i++){
```

```
    var x= i**2
    console.log(+i +" squared is "+x)
}
```