1. Calculate interest amount if principal amount is n and interest rate is r using a function which will take two arguments n, and r.

```
<script>
        function calculateInterest(n,r){
            let amount=n*r/100;
           return amount;
        }

        let amount= calculateInterest(3000,5);
        document.write(amount);
</script>
```

2. Make a function to sum up two numbers.

```
<script>

    function sum(a,b){

        return a+b;

    }

    let x=sum(3,4);
    document.write(x);

</script>
```

3. Make a function to average three numbers.

```
<script>

    function avg(a,b,c){

        return (a+b+c)/3;

    }

    let x=avg(3,4,5);

    document.write(x);

</script>
```

4. Make a function to determine if a number is prime or not.

```
<script>

    function isPrime(n){

        if(n==1)return false;

        let status=true;

        for(i=2;i<n;i++){
```

```
            if(n%i==0){
          status=false;
          break;


       }


    }
     return status;
 }


let x=isPrime(7);
if(x==true){
 document.write("Prime");
}else{
 document.write("Not Prime");
}




</script>
```

5. Make a function to determine if a number is even or odd.

```
<script>
        function isEven(n){
           let status=true;
            if(n%2==1){
                status= false;
            }
           return status;
        }
       let x=isEven(6);
       if(x==true){
          document.write("Even Number");
```

```
        }else{
          document.write("Odd Number");
        }

</script>
<script>
        function isEven(n){
            if(n%2==1){
                return false;
            } else{
              return true;
            }
        }

       let x=isEven(6);
       document.write(x);
</script>
```

6. Make a function to determine if a number is positive number.

```
<script>
   function isPositive(n){
          if(n>0){
              return true;
          }else{
              return false;
          }
  }

    let x=isPositive(-11);
    if(x==true){
       document.write("Positive");
     }else{
        document.write("Negative
```

```
");

  }


</script>
```

7. Make a function to determine if an input is number or not.

```
<script>

    function isNumber(n){

      if(typeof(n)==”number”){|
          return true;

      }else{
          return false;

      }

    }

  let x=isNumber(“hello”);
   if(x==true){
      document.write(“This is a number”);
   }else{
      document.write(“Not a number”);
   }

</script>
```

8. Make a function to convert meter into centimeter.

```
<script>
    function mToCm(m){
        return m*100;
    }

  let x=mToCm(6);
   document.write(x);


</script>
```

9. Make a function to convert feet into meter.

```
<script>
```

```
    function ftToM(f){
        return f* 0.3048;
    }
     let x=ftToM(10);
     document.write(x);
</script>
```

10. Make a function to calculate letter grade for the following criteria:
    a. If score is greater than and equal 80, letter grade will be A+
    b. If score is greater than and equal 70 and less than 80, letter grade will be A
    c. If score is greater than and equal 60 and less than 70, letter grade will be A-
    d. If score is greater than and equal 50 and less than 60, letter grade will be B
    e. Else letter grade will be F

```
<script>
    function getGrade(n){
        if(n>=80 && n<=100){
            return “A+”;
        }else if(n>=70 && n<80){
            return “A”;
        }else if(n>=60 && n<70){
            return “A-”;
        }else if(n>=50 && n<60){
            return “B”;
        }else{
            return “F”;
        }
    }

  let x=getGrade(77);
 document.write(x);
</script>
```