CLIENT SIDE SCRIPTING (22519)

Practical No. 09: Develop a webpage using intrinsic JavaScript functions
Roll No.: 220447

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1. Write a program to perform various intrinsic functions.

```
    <script>
      let infiniteNum = 10**1000;
      console.log("10**1000 : " +
infiniteNum);
      console.log("Is the above number
finite ? " + isFinite(infiniteNum));
      let str = "220447";
      console.log("Is " + str + " not a
Number? " + isNaN(str));
      console.log("Is " + str+"ABC" + "
not a Number? " + isNaN(str+"ABC"));
      console.log("To number : " +
Number(str));
      console.log("To float : " +
parseFloat(str));
      console.log(3.14 + "to int : " + parseInt(3.14));
      console.log(220447 + "to String : " + String(220447));
      </script>
```

```
10**1000 : Infinity
Is the above number finite ? false
Is 220447 not a Number? false
Is 220447ABC not a Number? true
To number : 220447
To float : 220447
3.14to int : 3
220447to String : 220447
```

2. Write a program to convert the string to number using different function.

```
Using Number() function : 3.14 - type : number
Using parseInt() : 3 - type : number
Using parseFloat() : 3.14 - type : number
Using unary + operator : 3.14 - type : number
```

```
    <script>
          const PI = "3.14";
          console.log("Using Number() function : " + Number(PI) + " - type : "
+ typeof Number(PI));
          console.log("Using parseInt() : " + parseInt(PI)  + " - type : "  +
typeof parseInt(PI));
          console.log("Using parseFloat() : " + parseFloat(PI)  + " - type : "
+ typeof parseFloat(PI));
          let pi = +PI;
          console.log("Using unary + operator : " + pi  + " - type : "  +
typeof pi);
    </script>
```