```
// let arshIsAStudent = true;
// console.log(typeof(arshIsAStudent));

// arshIsAStudent = String(arshIsAStudent);
// console.log("Value of arshIsAStudent:", arshIsAStudent);
// console.log("Type of arshIsAStudent:", typeof(arshIsAStudent));

// let hostWebpageOnGitHub = true;
// console.log("Type of hostWebpageOnGitHub:", typeof(hostWebpageOnGitHub));
// console.log("Type of hostWebpageOnGitHub:", typeof(hostWebpageOnGitHub));

// hostWebpageOnGitHub = Number(hostWebpageOnGitHub);
// console.log("Value of hostWebpageOnGitHub:", hostWebpageOnGitHub);
// console.log("Type of hostWebpageOnGitHub:", typeof(hostWebpageOnGitHub));

// let FiveIsGreaterThanTwo = false;
// console.log("Value of FiveIsGreaterThanTwo:", FiveIsGreaterThanTwo);

// FiveIsGreaterThanTwo = Number(FiveIsGreaterThanTwo);
// console.log("Value of FiveIsGreaterThanTwo:", FiveIsGreaterThanTwo);
// console.log("Type of FiveIsGreaterThanTwo:", typeof(FiveIsGreaterThanTwo));

// let studentName = "Arsh";
// console.log("Value of studentName:", studentName);
// console.log("Type of studentName:", typeof(studentName));

// studentName = Number(studentName);
// console.log("Value of studentName:", studentName);
// console.log("Type of studentName:", typeof(studentName));

// let num = "100";
// console.log("Value of num:", num);
// console.log("Type of num:", typeof(num));

// num = Number(num);
// console.log("Value of num:", num);
// console.log("Type of num:", typeof(num));

// let num1 = "50";
// console.log("Value of num1:", num1);
// console.log("Type of num1:", typeof(num1));

// num1 = Number(num1);
// console.log("Value of num1:", num1);
// console.log("Type of num1:", typeof(num1));

// console.log(num/num1);
```

```
// let num2 = 1;
// console.log("Value of num2:", num2);
// console.log("Type of num3:", typeof(num2));

// num2 = Boolean(num2);
// console.log("Value of num2:", num2);
// console.log("Type of num2:", typeof(num2));

// let num3 = 0;
// console.log("Value of num3:", num3);
// console.log("Type of num3:", typeof(num3));

// num3 = Boolean(num3)
// console.log("Value of num3:", num3);
// console.log("Type of num3:", typeof(num3));

// let num4 = 10;
// console.log("Value of num4:", num4);
// console.log("Type of num4:", typeof(num4));

// num4 = Boolean(num4);
// console.log("Value of num4:", num4);
// console.log("Type of num4:", typeof(num4));

// let str = "Arsh"
// console.log("Value of str:", str);
// console.log("Type of str:", typeof(str));

// str = Boolean(str);
// console.log("Value of str:", str);
// console.log("Type of str:", typeof(str));

// let str1 = "";
// console.log("Value of str1:", str1);
// console.log("Type of str1:", typeof(str1));

// str1 = Boolean(str1);
// console.log("Value of str1:", str1);
// console.log("Type of str1:", typeof(str1));

// let str2 = " ";
// console.log("Value of str2:", str2);
// console.log("Type of str2:", typeof(str2));

// str2 = Boolean(str2);
// console.log("Value of str2:", str2);
```

```
// console.log("Type of str2:", typeof(str2));

// Operators
// Urinary operator (only minus(-))
// -5

// Binary operators (+, -, *, /, %, and **)
// "/" = Quotient and "%" = Remainder
// 7+8
// 9*20

// let num5 = 10;
// console.log("Value of num4:", num5);
// num5 = -num5;
// console.log("Value of num4:", num5);

// let num6 = 14;
// let num7 = 2;
// console.log("Value of num6 + num7:", num6 + num7);
// console.log("Value of num6 - num7:", num6 - num7);
// console.log("Value of num6 * num7:", num6 * num7);
// console.log("Value of num6 / num7:", num6 / num7);
// console.log("Value of num6 ** num7:", num6 ** num7);
// console.log("Value of num6 % num7:", num6 % num7);

// Prefix and Postfix operatiors
// let x = 1;
// console.log("Value of x:", x)
// x++
// console.log("Value of x:", x)

// let y = 1;
// console.log("Value of y:", y)
// ++y
// console.log("Value of y:", y)

// let x = 1;
// console.log("Value of x:", x) // 1
// let z = x++ // Postfix operator
// console.log("Value of x:", x) // 2
// console.log("Value of y:", z) // 1

// let y = 1;
// console.log("Value of y:", y) // 1
// let w = ++y // Prefix operator
// console.log("Value of y:", y) // 2
// console.log("Value of w:", w) // 2
```

```
// let x = 1;
// console.log("Value of x:", x)
// x--
// console.log("Value of x:", x)

// let y = 1;
// console.log("Value of y:", y)
// --y
// console.log("Value of y:", y)

let x = 1;
console.log("Value of x:", x)
let z = x-- // Postfix operator
console.log("Value of x:", x)
console.log("Value of y:", z)

let y = 1;
console.log("Value of y:", y)
let w = --y // Prefix operator
console.log("Value of y:", y)
console.log("Value of w:", w)
```