

Assignment-01(variable.js)

```
let age = 23;
let name = "Alvi";
let isStudent = true;
let birthYear;

console.log("My name is " + name + " and I am " + age + " years old.");
console.log("I am a student: " + isStudent + ".");
console.log("I was born in " + birthYear + ".");
```

Assignment-02(dataType.js)

```
let name = "Alvi";
let age = 23;
let isStudent = true;
let hobbies = ["reading", "painting", "hiking"];
let address = { street: "123 Main Street", city: "Cityville", country:
"Countryland" };
console.log("My name is " + name + ".");
console.log("I am " + age + " years old.");
console.log("I am a student: " + isStudent + ".");
console.log("My hobbies are " + hobbies.join(", ") + ".");
console.log("I live at " + address.street + ", " + address.city + ", " +
address.country + ".");
```

Assignment-03(operators.js)

```
let num1 = 10;
let num2 = 5;
let sum = num1 + num2;
let difference = num1 - num2;
let product = num1 * num2;
let quotient = num1 / num2;
let remainder = num1 % num2;
console.log("The sum is " + sum + ".");
console.log("The difference is " + difference + ".");
console.log("The product is " + product + ".");
console.log("The quotient is " + quotient + ".");
console.log("The remainder is " + remainder + ".");
```

Assignment-04(ifElse.js)

```
let temperature = 32;
if (temperature >= 30) {
  console.log("It's a hot day!");
} else {
  console.log("It's a normal day!");
}
let isRaining = false;
if (isRaining) {
  console.log("Don't forget your umbrella!");
} else {
  console.log("Enjoy your day!");
}
let time = 15;
if (time >= 6 && time <= 12) {
  console.log("Good morning!");
} else if (time > 12 && time <= 18) {
  console.log("Good afternoon!");
} else if (time > 18 && time <= 24) {
  console.log("Good evening!");
} else {
  console.log("Good night!");
}
```