

## 01). Assignment: Variable Practice

File name: variables.js

Code for Variables.js

```
// Task 1
var age = 28;

// Task 2
var name = "Md. Saiduzzaman";

// Task 3
var isStudent = true;

// Task 4
var birthYear;

// Task 5
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 + ".");
```

## 02). Assignment: Data Type Practice

File name: dataTypes.js

Code for dataTypes.js

```
// Task 1
var name = "Md. Saiduzzaman";

// Task 2
var age = 28;

// Task 3
var isStudent = true;

// Task 4
var hobbies = ["Reading", "Traveling", "Cricket"];

// Task 5
var address = {
  street: "35 Ranking Street",
  city: "Dhaka",
  country: "Bangladesh"
};

// Task 6
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 + ".");
```

### 03). Assignment: Operator Practice

File name: operators.js

Code for operators.js

```
// Task 1
var num1 = 5;
var num2 = 3;

// Task 2
var sum = num1 + num2;

// Task 3
var difference = num1 - num2;

// Task 4
var product = num1 * num2;

// Task 5
var quotient = num1 / num2;

// Task 6
var remainder = num1 % num2;

// Task 7
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 + ".");
```

#### 04). Assignment: If-Else Practice

File name: ifElse.js

Code for ifElse.js

```
// Task 1
var temperature = 32;

if (temperature >= 30) {
  console.log("It's a hot day!");
} else {
  console.log("It's a normal day!");
}

// Task 2
var isRaining = true;

if (isRaining) {
  console.log("Don't forget your umbrella!");
} else {
  console.log("Enjoy your day!");
}

// Task 3
var time = 10;

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!");
}
```