

## Chapter 1 - Practice Set

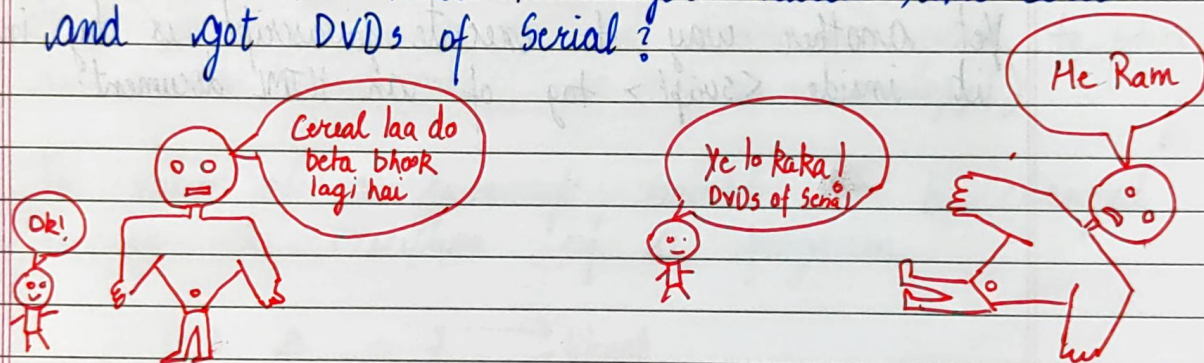
- 1 Create a variable of type string and try to add a number to it.
- 2 Use typeof operator to find the datatype of the string in last question.
- 3 Create a const object in javascript. Can you change it to hold a number later?
- 4 Try to add a new key to the const object in Problem 3. Were you able to do it?
- 5 Write a JS program to create a word-meaning dictionary of 5 words.

## Introduction to programming

Programming is a way to talk to computers. A language like Hindi, English or Bengali can be used to talk to a human but for computers we need straightforward instructions.

Computer is Dumb!

When was the last time you ordered some cereal and got DVDs of Serial?



Programming is the act of constructing a program, a set of precise instructions telling a computer what to do.

### What is EcmaScript?

ECMAScript is a standard on which JavaScript is based! It was created to ensure that different documents on JavaScript are actually talking about the same language.

JavaScript & ECMAScript can <sup>almost</sup> always be used interchangeably. JavaScript is very liberal in what it allows.



How to execute JavaScript?

JavaScript can be executed right inside one's browser. You can open the javascript console and start writing javascript there.

Another way to execute javascript is a runtime like Node.js which can be installed and used to run javascript code.

Yet another way to execute javascript is by inserting it inside `<script>` tag of an HTML document.