**CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY**

**Chandubhai S Patel Institute of Technology**

**U & P U. Patel Department of Computer Engineering**

**Subject Name:** Advanced Web Technology

**Subject Code:** CE354

**Semester:** 5th **Academic Year:** 2023-24

Practical 6

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| --- | --- |
| **Aim:** | **Use the prototype property to add a new method to an existing object constructor, such as Array or String.** |
| **Code:** | Array.prototype.sum = function () {    let total = 0;    for (let i = 0; i < **this**.length; i++) {      if (typeof **this**[i] === "number") {        total += **this**[i];      }    }    return total;  };  const numbers = [1, 2, 3, 4, 5];  const result = numbers.sum();  console.log(result); |
| **Output:** |  |