1. Write an arrow function that takes two parameters, a and b, and returns their sum.

var sum =(a,b)=>sum=(a+b);

console.log(sum(2,3))

1. Create an arrow function that takes a single parameter name and returns a greeting message: “Hello, {name}!”

var greet = (name) => `Hello, ${name}!`;

console.log(greet("sai"))

1. Write an arrow function that checks if a number is even and returns true if it is, or false otherwise.

var number=prompt("Enter Number")

var greet = (number) => {

if (number%2==0){

return true

}

else{

return false

}

};

console.log(greet(number))

1. Write an arrow function that accepts a number and returns true if the number is greater than 10, or false otherwise.

var number=prompt("Enter Number")

var arrow = (number) => {

if (number>=10){

return true

}

else{

return false

}

};

console.log(arrow(number))

1. Create an arrow function that takes two strings, compares their lengths, and returns the longer string. If both have the same length, return “Equal length.”

var longer = (string1, string2) => {

if (string1.length > string2.length) {

return (` ${string1}!,longer`);

} else if (string1.length < string2.length) {

return (` ${string2}!,longer`)

} else {

return "Equal length";

}

};

console.log(longer("sai", "krishna"));