## Conditional Statements

### if, else if, else, switch

| // if-else if-else statements let num = 10;  if (num > 10) {  console.log("Number is greater than 10"); } else if (num === 10) {  console.log("Number is equal to 10"); } else {  console.log("Number is less than 10"); }  // switch-case statement let day = "Monday";  switch (day) {  case "Monday":  console.log("It's the start of the week");  break;  case "Tuesday":  console.log("It's Tuesday");  break;  case "Wednesday":  console.log("It's Wednesday");  break;  case "Thursday":  console.log("It's Thursday");  break;  case "Friday":  console.log("It's Friday, weekend is near");  break;  case "Saturday":  case "Sunday":  console.log("It's the weekend");  break;  default:  console.log("Invalid day"); } |
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## Loops

### for, while, do-while

| // for loop console.log("For loop:"); for (let i = 0; i < 5; i++) {  console.log("Iteration " + (i + 1)); }  // while loop console.log("\nWhile loop:"); let j = 0; while (j < 5) {  console.log("Iteration " + (j + 1));  j++; }  // do-while loop console.log("\nDo-while loop:"); let k = 0; do {  console.log("Iteration " + (k + 1));  k++; } while (k < 5); |
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### break and continue

| // Using break statement console.log("Using break statement:"); for (let i = 1; i <= 5; i++) {  if (i === 3) {  console.log("Breaking loop at iteration " + i);  break; // Break out of the loop when i equals 3  }  console.log("Iteration " + i); }  // Using continue statement console.log("\nUsing continue statement:"); for (let j = 1; j <= 5; j++) {  if (j === 3) {  console.log("Skipping iteration " + j);  continue; // Skip the rest of the code block and move to the next iteration when j equals 3  }  console.log("Iteration " + j); } |
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