|  |
| --- |
| /\* |
|  | Program to write the first 10 numbers. |
|  | \*/ |
|  |  |
|  | for (var input = 1; input <= 10; input++) { |
|  | console.log(input); |
|  | } |
|  |  |
|  | /\* |
|  | Program to calculate the sum of first 10 numbers |
|  | \*/ |
|  |  |
|  | let s = 0; |
|  | for (i = 1; i <= 10; i++) { |
|  | s = s + i; |
|  | } |
|  | console.log("Sum of first 10 natural numbers:" + s); |
|  |  |
|  | /\* |
|  | Write a program to print day of week name using switch case |
|  | \*/ |
|  | switch (new Date().getDay()) { |
|  | case 0: |
|  | day = "Sunday"; |
|  | break; |
|  | case 1: |
|  | day = "Monday"; |
|  | break; |
|  | case 2: |
|  | day = "Tuesday"; |
|  | break; |
|  | case 3: |
|  | day = "Wednesday"; |
|  | break; |
|  | case 4: |
|  | day = "Thursday"; |
|  | break; |
|  | case 5: |
|  | day = "Friday"; |
|  | break; |
|  | case 6: |
|  | day = "Saturday"; |
|  | break; |
|  | } |
|  | console.log("The day is:", day); |
|  |  |
|  | /\* |
|  | Write a program print total number of days in a month using switch case. |
|  | \*/ |
|  |  |
|  | let year = 2022; |
|  | let month = 3; |
|  | let dayCount; |
|  |  |
|  | switch (month) { |
|  | case 1: |
|  | case 3: |
|  | case 5: |
|  | case 7: |
|  | case 8: |
|  | case 10: |
|  | case 12: |
|  | dayCount = 31; |
|  | break; |
|  | case 4: |
|  | case 6: |
|  | case 9: |
|  | case 11: |
|  | dayCount = 30; |
|  | break; |
|  | case 2: |
|  | // leap year |
|  | if ((year % 4 == 0 && !(year % 100 == 0)) || year % 400 == 0) { |
|  | dayCount = 29; |
|  | } else { |
|  | dayCount = 28; |
|  | } |
|  | break; |
|  | default: |
|  | dayCount = -1; // invalid month |
|  | } |
|  | console.log(dayCount); |