

06 Laboratory Exercise 1 - ARG

The screenshot shows the Programiz JavaScript Online Compiler interface. The code in `main.js` defines a `compareAge` function that compares an artist's age to 25. The function logs messages based on whether the age is less than, equal to, or greater than 25. The code prompts the user for the artist's age and calls the `compareAge` function. The output shows the prompt "What is the age of your favorite artist?" and the input "25", resulting in the log message "They're 25 and they're as old as Google."

```
1 function compareAge(artistAge) {
2   if (artistAge < 25) {
3     console.log("They're " + artistAge + " old and they're younger than Google.");
4   } else if (artistAge === 25) {
5     console.log("They're " + artistAge + " and they're as old as Google.");
6   } else {
7     console.log("They're " + artistAge + " and they're older than Google.");
8   }
9 }
10
11 // Prompt user for the age of their favorite artist
12 const artistAge = parseInt(prompt("What is the age of your favorite artist?"));
13
14 // Call the compareAge function with the artist's age
15 compareAge(artistAge);
16
```

Output:

```
node /tmp/zf1vvg1la.js
What is the age of your favorite artist?
25
They're 25 and they're as old as Google.
```

The screenshot shows the same Programiz JavaScript Online Compiler interface, but with the output showing the prompt "What is the age of your favorite artist?" and the input "26", resulting in the log message "They're 26 and they're older than Google."

```
1 function compareAge(artistAge) {
2   if (artistAge < 25) {
3     console.log("They're " + artistAge + " old and they're younger than Google.");
4   } else if (artistAge === 25) {
5     console.log("They're " + artistAge + " and they're as old as Google.");
6   } else {
7     console.log("They're " + artistAge + " and they're older than Google.");
8   }
9 }
10
11 // Prompt user for the age of their favorite artist
12 const artistAge = parseInt(prompt("What is the age of your favorite artist?"));
13
14 // Call the compareAge function with the artist's age
15 compareAge(artistAge);
16
```

Output:

```
node /tmp/zf1vvg1la.js
What is the age of your favorite artist?26
They're 26 and they're older than Google.
```