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JAVA SCRIPT

11): Question: Iterate through the properties of an object using a for-in loop.

SOURCE CODE:

OUTPUT:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

C:\Program Files\nodejs\node.exe .\affan.js

name:affan

age:19

occ:engineer
```

12): Question: Loop through an array using a for-of loop and double each element.

SOURCE CODE:

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OUTPUT:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

C:\Program Files\nodejs\node.exe .\affan.js

double element array : 2,4,6,8,10,12
```

13): Question: Check if a number is even or odd and return a corresponding message.

SOURCE CODE:

OUTPUT:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

1 odd number in the given array
2 even number in the given array
3 odd number in the given array
4 even number in the given array
5 odd number in the given array
6 even number in the given array
7 odd number in the given array
8 even number in the given array
9 odd number in the given array
10 even number in the given array
```

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14): Question: Find the maximum of three numbers using nested ternary operators.

SOURCE CODE:

OUTPUT:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

C:\Program Files\nodejs\node.exe .\affan.js

the maximum of:18
```

15): Question: Determine if a year is a leap year or not.

SOURCE CODE:

```
### Affan.html  
### Of tk.html  
### Js affan.js  
### Saffan.js  
### Js affan.js  
### Js af
```

OUTPUT:

```
PS C:\Users\iakbe\OneDrive\Desktop\affan> node affan.js
2024is a leap yeartrue
PS C:\Users\iakbe\OneDrive\Desktop\affan> [
```

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