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Batch : FSD56WD-T

Task – Javascript Day-4

Output:

1. Print odd numbers in an array

a. Anonymous function

```
Anonymous function : 1
Anonymous function : 3
Anonymous function : 5
Anonymous function : 7
Anonymous function : 9
```

b. Arrow function

```
Arrow function : 11
Arrow function : 13
Arrow function : 15
Arrow function : 17
Arrow function : 19
```

c. IIFE – Immediately Invoked Function Expression

```
IIFE : 21
IIFE : 23
IIFE : 25
IIFE : 27
IIFE : 29
```

2. Convert all the Strings to title caps in a string array.

a. Anonymous function

```
[ 'Hello', 'Welcome', 'House', 'Party' ]
```

b. Arrow function

```
[ 'Hello', 'Welcome' ]
```

c. IIFE – Immediately Invoked Function Expression

```
[ 'Hello world', 'Good morning', 'How are you' ]
```

3. Sum of all numbers in an array

a. Anonymous function

```
Anonymous function : 6
```

b. Arrow function

```
Arrow function : 19
```

c. IIFE – Immediately Invoked Function Expression

```
IIFE : 27
```

4. Return all the prime numbers in an array

a. Anonymous function

```
[ 2, 3, 5, 67, 23 ]
```

b. Arrow function

```
[ 2, 3, 5, 67, 23 ]
```

c. IIFE – Immediately Invoked Function Expression

```
[ 2, 3, 5, 67 ]
```

5. 4. Return all the palindromes in an array

a. Anonymous function

```
Anonymous function : [ 'level', 'malayalam', 'radar', 'noon' ]
```

b. Arrow function

```
Arrow function : [ 'level', 'malayalam', 'radar', 'noon' ]
```

c. IIFE – Immediately Invoked Function Expression

```
IIFE : [ 'level', 'malayalam', 'radar', 'noon' ]
```

6. Return median of two sorted arrays of the same size.

a. Anonymous function

```
Anonymous function : 4
```

b. IIFE – Immediately Invoked Function Expression

```
IIFE : 4.5
```

7. Remove duplicate from an array.

a. Anonymous function

```
Anonymous function : [ 'apple', 'mango', 'orange', 'melon' ]
```

b. IIFE – Immediately Invoked Function Expression

```
IIFE : [ 'apple', 'mango', 'orange', 'kiwi', 'dragonfly' ]
```

8. Rotate an array by k times.

a. Anonymous function

```
[ 3, 4, 5, 1, 2 ]
```

b. IIFE – Immediately Invoked Function Expression

```
[ 1, 2, 3, 4, 5 ]
```
