

Advance JavaScript

MODULE: 1 (Introduction and Code Quality)

- Write a program to Show an alert.

```
<script>
```

```
    alert("show alert")
```

```
</script>
```

- What will be the result for these expressions?

- 1. $5 > 4$

Ans= true

- 2. "apple" > "pineapple"

Ans= false

- 3. "2" > "12"

Ans=true

- 4. undefined == null

Ans=true

- 5. undefined === null

Ans=false

- 6. null == "\n0\n"

Ans=false

- 7. 7. null === +"\n0\n"

Ans=false

- Will alert be shown?

```
if ("0") { alert( 'Hello'); }
```

ans=yes

- What is the code below going to output? `alert(null || 2 || undefined);`

Ans= 2

- The following function returns true if the parameter age is greater than

18. Otherwise it asks for a confirmation and returns its result:

function

```
    checkAge(age) {  
        if (age > 18) { return true; }  
        else {  
            // {...return confirm ('did parents allow you?')};  
        }  
    }  
  
    let age = prompt('How old are you?',);  
    if (checkAge(age)) {  
        alert('Access granted');  
    } else {  
        alert('Access denied');  
    }  
}
```

Replace Function Expressions with arrow functions in the code below:

Function

=>

```
function ask(question, yes, no) {  
    if (confirm(question)) yes();  
}
```

```
else no();  
}
```

```
ask(  
  "Do you agree?",  
  function() { alert("You agreed."); },  
  function() { alert("You canceled the execution."); }  
);
```