MODULE: 1 (Introduction and Code Quality)

* 1. 1. Write a program to Show an alert

=> Alert (“Alert Message”)

* 1. 2. What will be the result for these expressions?
     + 1. 1. 5 > 4
       2. = > True
     1. 2. "apple" > "pineapple"
     2. => False

3. "2" > "12"

=> True

* + - * 1. 4. undefined == null
        2. => True
  1. 5. undefined === null
  2. => False
  3. 6. null == "\n0\n"
  4. => False
  5. 7. null === +"\n0\n"
  6. => False
  7. 3. Will alert be shown? a. if ("0") {alert ('Hello');}

=> Yes, it will show alert message.

* 1. 4. What is the code below going to output? Alert (null || 2 || undefined);
  2. => It will show 2 in alert
     1. 5. The following function returns true if the parameter age is greater than
     2. => 18. otherwise it asks for a confirmation and returns its result: a.

check Age (19)

function

check Age(age)

{

if (age> 18) {return true;}

else {

return confirm (‘did parents allow you?');

}

}

function check Age(age) {

if (age > 18) {return true;}

else {

return confirm ("did parents allow you?");

}

}

Condition is true;

Result: true

b. checkage (12)

c. checkage (12)

function checkage (age) {

if (age > 18) {return true; }

else {

return confirm ("did parents allow you?");

}

}

Clicked on Ok

Result: True

function checkage (age) {

if (age > 18) return true;}

else {

return confirm ("did parents allow you?");

}

}

Clicked on cancel;

Result: False

6. Replace Function Expressions with arrow functions in the code below:

=> 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.");}

)

const ask = (question, yes, no) => {

if (confirm(question)) yes ();

else

no ();

}

Ask ("Do you agree?",

() => {alert ("You agreed.");},

() => {alert ("you canceled the execution")}

)

Arrow function:

const ask = (question, yes, no) => {

if (confirm(question)) yes ();

else

no ();

}

Ask ("Do you agree?",

() => {alert ("You agreed.");},

() => {alert ("you canceled the execution")}

)