*Conditions :*

* If else :

it is used to return true in if block and false result will be shown in else block.you can independently use if but else is dependent on on if condition.

Graphical user interface, text, application, email

Description automatically generated

var age =19;

if (age>18){

console.log("eligible for cnic");

}else{

console.log("not eligible for cnic");

}

There are more types of if else statement conditions which are as follows:

* If else-if :

var per=prompt("What is your percentage ?");

var percentage=parseInt(per);

if(percentage>80){

    alert("your grade is A");

}

else if(percentage>70){

    alert("your grade is B");

}

else if(percentage>60){

    alert("your grade is C");

}

else {

    alert("you'r fail!");

}

* Nested-if :

var score=92;

if(score>80){

    alert("Grade A");

    if(score>90){

        alert("Got Trophy!");

    }

}

else{

   alert("fail");

}

* set of condtions with logical operators

var value1="u";

if(value1==="a" || value1==="i" || value1==="e" || value1==="o" || value1==="u"){

    alert("its a vowel");

}

else{

    alert("its not a vowel");

}

***Switch Case :***

*Graphical user interface, application

Description automatically generated*

const guess=Math.random();

let another=6\*guess;

let breakk=Math.round(another);

//console.log(breakk);

switch(breakk){

    case 1 :

        console.log("guessed right won prize bond congo");

        break;

    case 6 :

        console.log("guessed right won prize bond congo");

        break;

    case 3 :

            console.log("guessed right won prize bond congo");

            break;

default:

    console.log("better luck next time!");

}

console.log(breakk);

Graphical user interface, text, application

Description automatically generated

We can mix switch case whereunder if else if present.

You cant do switch case comparisions , just do equality check.

Grouping case can happened by not including break after a case. Switch case in js check eqality with === called strict comparision.

