|  |  |
| --- | --- |
| *school-learn-study-hat-graduate-512.png* | ***Study*** |

Answer the following questions:

1. What is Boolean? Write down 3 different expression that results a Boolean type (i.e. 5 == 6)

a boolean or bool is a data type that has two possible values: it is either true, or false

Example: 5==6, 6>3, 2<1

1. What is nested conditionals? Write a piece of code that uses nested conditionals

Computer programs use conditionals to select the correct path for a program to go down. When a program only selects one of two paths, it can use a simple conditional (if/else). When a program selects one of many paths, it can use nested or chained conditionals.

Example

if (BMI<16) {

    console.log("You are Severely underweight")

} else {

    if (BMI<18.5) {

          console.log("You are Underweight")

    } else {

        if (BMI<25) {

              console.log("You are Normal")

        } else {

            if (BMI<30) {

                console.log("You are Overweight")

            } else {

                console.log("Obese")

            }

        }

    }

}