

Exercise Sheet 2

1) write a program that returns the grade of a coursework following the number score.

Hint: first define a “score” variable and then check its value with a series of if statements to specify all the possible grades.

2) Write a program that checks the age of a person. Assign a variable “age” the age of the person. If the person is minor, display “sorry, you are not an adult”. Otherwise display “welcome”.

3) Write a JavaScript conditional statement to find the sign of product of three numbers. If it is negative return “the sign is - “, and “the sign is +” otherwise.

4) Write a program that returns the average score of a student at the final exams. There are 5 exams, so five scores. State is the student will pass or not. You can choose the scores of the student.

Hint: to calculate the average of a series of numbers, sum them all up and divide the result by the number of elements in the sum.

5) You have a triangle with the following side measures : 3cm, 4cm and 5cm. using an if statement, state if this is a right-angled triangle or not.

Hint: use Pythagoras' theorem : if the sum of the squares of the 2 smaller sides is equal to the square of the hypotenuse, the triangle is right angled.

