



KIND



POSITIVE



YOURSELF

Higher SDD Worksheet 3 – June Revision

Name

A teacher requires a program to store details of his classes Higher exam results. Some example data is shown below.

Pupil Name	Cara Jones
Pupil House	Arran
Percentage	74.6
Grade	A

(a) Declare a record structure to store the data shown above.

(b) Write a line of code to declare an array of records to store the details of 25 pupils

2. A 1D array stores a list of 8 scores as shown below.

Index	0	1	2	3	4	5	6	7
Scores	16	12	19	20	17	8	13	19

(a) Write an algorithm to identify and display the highest score in the list

(b) Write an algorithm to identify and display the lowest score in the list

(c) Write an algorithm to identify and display the number of scores over 15 in the list

(d) Write an algorithm to identify and display the position of the value 20 in the list.