

1993 Paper 4 Question 3

Software Engineering

Give a brief description of the main constructs used in a VDM specification.

[7 marks]

Discuss to what extent the notation used in VDM is significantly different from that used in a conventional programming language.

[6 marks]

Use VDM to specify a function that will find the difference between the largest and the smallest values held in an integer array.

[7 marks]