**Programming Design Principles Project 1**

**Flowchart**



**Pseudo Chart**

OUTPUT “Please choose what type of calculation is required: M Mathematical, B Boolean or R Rational?”

INPUT User answer: M

STORE user input

**IF INPUT**= M

OUTPUT “Enter your first number”

User puts in number

OUTPUT “Enter your operator”

User puts in the operator

OUTPUT “Enter your second number”

User inputs the second number

OUTPUT the answer

**ELSE IF** INPUT= B

OUTPUT “Enter your first value”

User inputs the value

OUTPUT “Enter your operator”

User inputs the operator

OUTPUT “Enter your second number”

User inputs the second number

**ELSE IF** INPUT=R

OUTPUT “Enter your first number”

User inputs the number

OUTPUT “Enter your operator”

User inputs the operator

OUTPUT “Enter your second number”

User inputs the second number

**OUTPUT** “Do you wish to do another calculation: Y/N”

User inputs Y= re run the programme

User Inputs N= OUTPUT “Goodbye”