

Section 3

a) Write an algorithm for determining

Start	Process	Test / Decision	Process	End	Process
Start	Calculate A + B	Is A > B?	Yes: A - B No: B - A	End	Print result
Start	Calculate A * B	Is A > 0?	Yes: A * B No: -A * B	End	Print result
Start	Calculate A / B	Is B = 0?	Yes: Error No: A / B	End	Print result
Start	Calculate A % B	Is B = 0?	Yes: Error No: A % B	End	Print result

Start	Process	Test / Decision	Process	End	Process
Start	Calculate A + B	Is A > B?	Yes: A - B No: B - A	End	Print result
Start	Calculate A * B	Is A > 0?	Yes: A * B No: -A * B	End	Print result
Start	Calculate A / B	Is B = 0?	Yes: Error No: A / B	End	Print result
Start	Calculate A % B	Is B = 0?	Yes: Error No: A % B	End	Print result

b) Write an algorithm for determining

Start	Process	Test / Decision	Process	End	Process
Start	Calculate A + B	Is A > B?	Yes: A - B No: B - A	End	Print result
Start	Calculate A * B	Is A > 0?	Yes: A * B No: -A * B	End	Print result
Start	Calculate A / B	Is B = 0?	Yes: Error No: A / B	End	Print result
Start	Calculate A % B	Is B = 0?	Yes: Error No: A % B	End	Print result