## Flowcharts

Using flowcharts document the following algorithm problems.

1: Output the numbers from 0 to 10

2: Output the numbers from 0 to a user defined number

3: Find the total/sum of two numbers (that the user has entered)

4: Find the average of two user entered numbers

5: Input the students grade. Less that 50 – fail. 50 to 70 pass. 70 – 80 merit. 80+ distinction.

6: Output the total of 10 user entered numbers.

7: Find the total of around ten purchased items. E.g. see below for example input:

|  |  |
| --- | --- |
| NUMBER OF ITEMS | PRICE PER ITEM |
| 3 | £10 |
| 5 | £12 |
| 1 | £9 |
| 3 | £200 |

I have bought more than 10 items, therefore your algorithm should tell me the total cost.