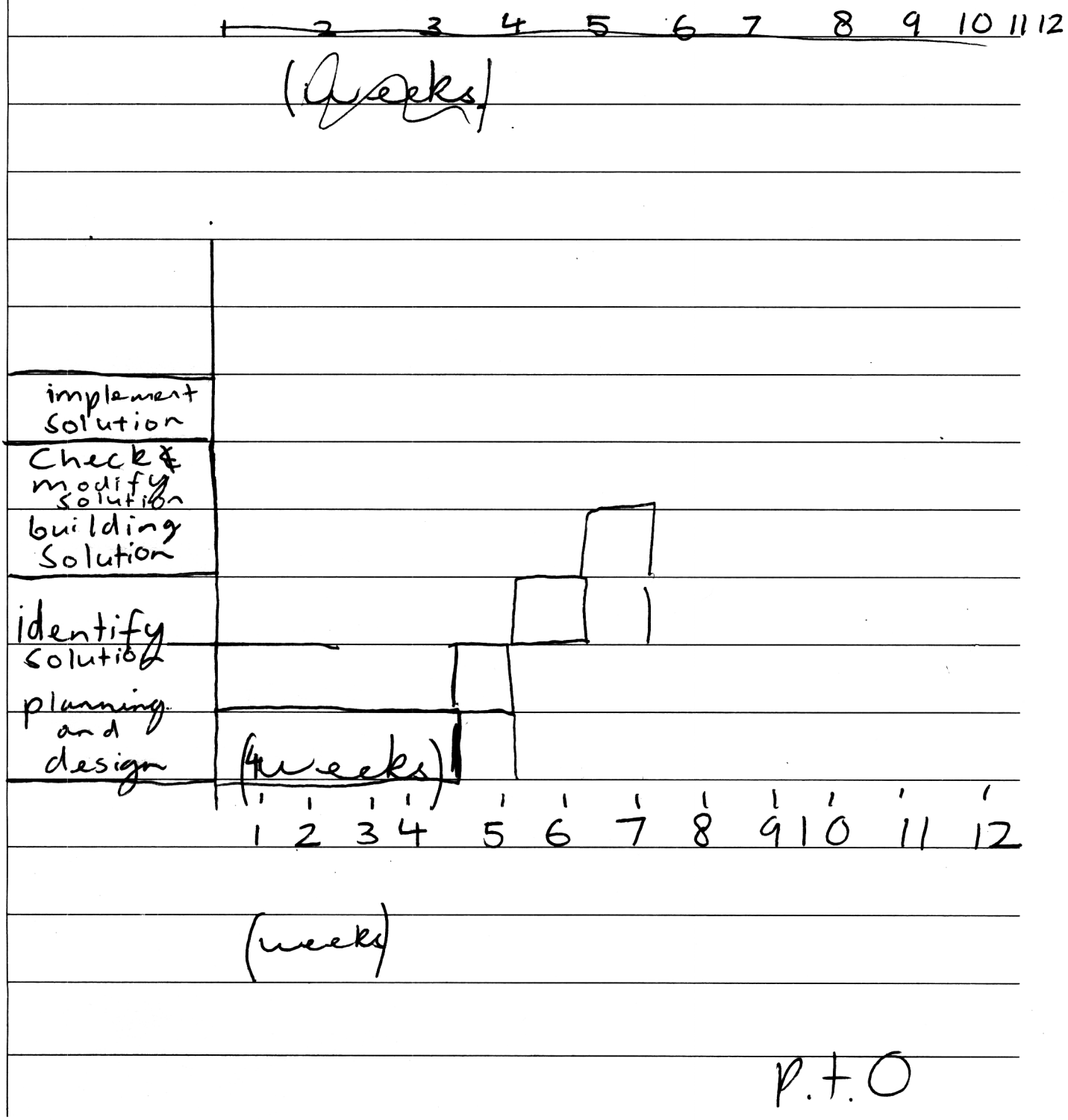
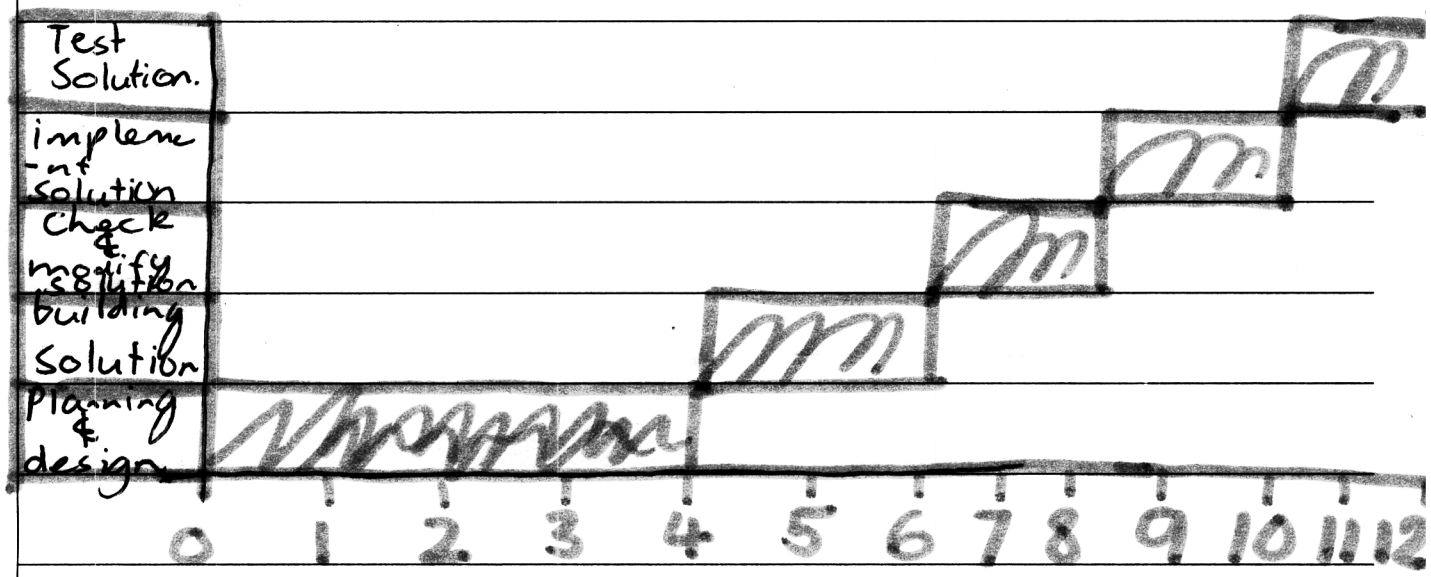
21) a)


2 3 4 5 6 7 8 9 10 11 12
(weeks)
implement solution
Check & modify solution
building Solution
identify solution
planning and design
(4 weeks)
1 2 3 4 5 6 7 8 9 10 11 12
(weeks)

P.T.O

21) a)

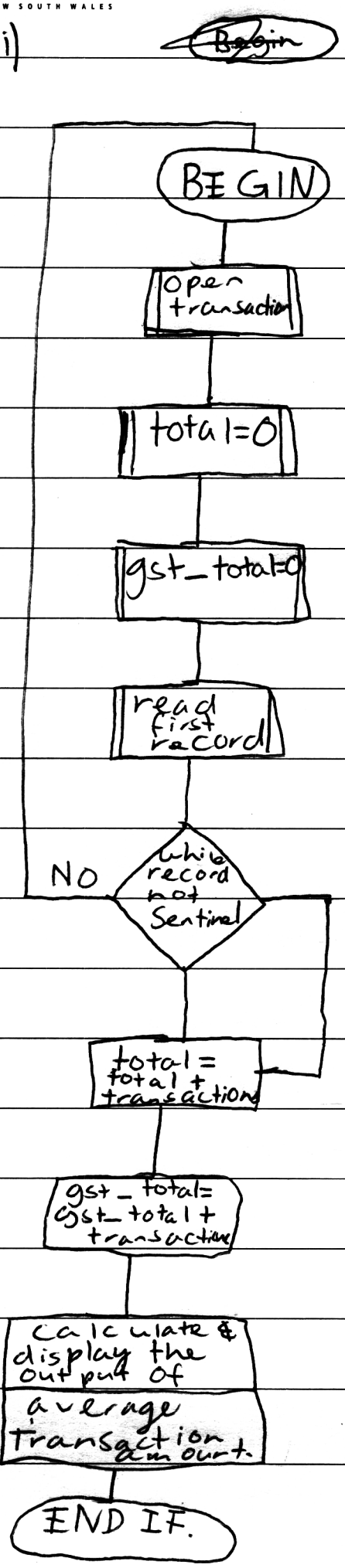


b)

c)i)

```
BEGIN
    OPEN Transaction
    total = 0
    gst3 total = 0
    READ first record
    WHILE record NOT sentinel
        total = total + transaction.gst
        gst1 total = gst2 total + transactio
        READ next record
    ENDWHILE
    OUTPUT total, gst0 total
END
```

ii)


Begin
BEGIN
open transaction
total=0
gst_total=0
read first record
NO
while record not Sentinel
total = total + transaction
gst_total= gst_total + transaction
calculate & display the output of
average transaction amount.
END IF.

d) i) The use of the case tool is to keep track of every modification added to the main software product. The sequential box is like a reference to finding the line needed. The versions help the process of finding the new lines in the code quicker and easier.