*You are on a weird diet that allows you to eat as many cookies as you want but there are conditions.  You must stop eating if you begin to feel sick and you are not allowed to eat more than 2,500 calories (each cookie is 250 calories)*

1. *Decomposition*
2. *Eating cookies*
3. *Checking if feeling sick*
4. *Checking calories*
5. *Pattern recognition & data representation*
6. *The whole problem is on a loop and doing similar things again and again*
7. *Eating*
8. *Checking sickness*
9. *Checking calories*
10. *Telling the goodbye*
11. *Abstraction*
12. *Not feeling sick*
13. *Not over-eating*
14. *Algorithm*
15. *Pseudo code is written down below (next page)*

*Define (0) to ‘ate\_cookies’*

*Define (250) to ‘cookies\_calorie’*

*Eat a cookie*

*Increase ‘ate\_cookies’ by one*

*If \_ Check if the person is feeling sick*

*YES: Go to section ‘Not\_Allowed\_Anymore’*

*If \_ Check if (‘ate\_cookies’ multiplied by ‘cookies\_calorie’ is more than 2500)*

*YES: Go to section ‘Not\_Allowed\_Anymore’*

*NO: Go back to line eat 1 cookie*

*Not\_Allowed\_Anymore*

*Tell him that he is not allowed to eat cookies anymore*

*End the program*