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'G' Section

Algorithm

1. Start

2. Sum = 0

3. Input n

4. Repeat through step 4
   for (i=0; i<n; j++)
       input a[i]

5. Repeat through step 5
   for (i=0; i<n; i++)

   5.1 flag = 0

   5.2 Repeat through step. 5.2
       for (j =1; j < a[i]; j++)
       if ((j*j) == a[i])

           flag ++
           break;

      5.3 if (flag > 0)
          Sum = Sum + a[i]

6. Print. Sum

7. Stop

Flow chart

```
                    ( Start )
                        |
                   [ Sum = 0 ]
                        |
                  / Input /
                  /  n   /
                        |
  False  <----< for (i=0; i<n; i++) >----
    |              |  True                |
    |         / Input /                   |
    |         / a[i] /                     |
    |             |                        |
    |             |------------------------
    |
  False <----< for (i=0; i<n; i++) >-------
    |              |  True                  |
    |         [ flag=0 ]                    |
    |              |                        |
  False <---< for (j=1; j<a[i]; j++) >---   |
    |              |  True               |  |
    |          < (i*j) ==     > False ----  |
    |          <   a[i]   >                 |
    |              |  True                  |
    |          [ flag++ ]                   |
    |              |                        |
    |          [ break ]                    |
    |              |                        |
    |          <  if       >                |
    |--------->< flag == 0 >                |
                   |  True                  |
            [ Sum = Sum + a[i] ]------------
                   |
              / Print /
              / Sum  /
                   |
               ( Stop )
```