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4AL19IS002
'G' Section

Algorithm

1. Start
2. Input n
3. Repeat through step 3
   for(i=0; i<n; i++)
   r[i]=0
4. Repeat through step 4
   for(i=0; i<n; i++)
   input a[i]
5. Repeat through steps
   for(j=0; j<n; j++)

5.1 a if(j!=i && a[i]==a[j])

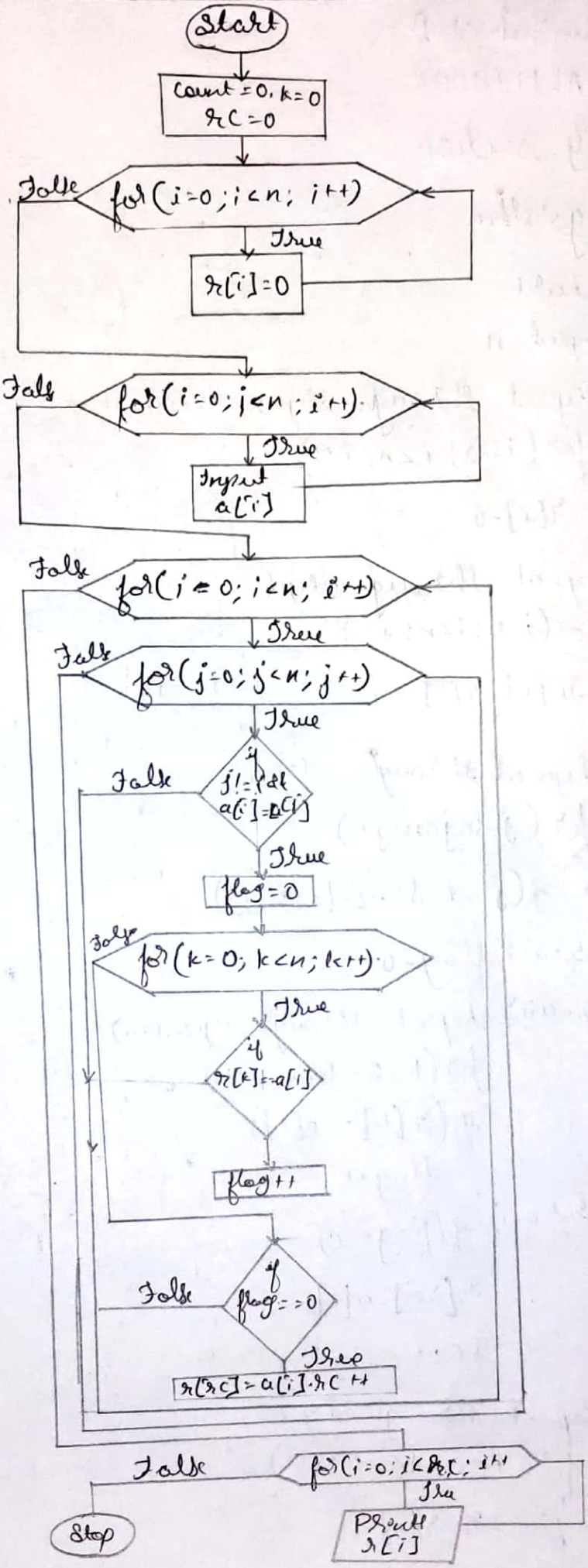
5.1 a i) flag=0

5.1 a ii) Repeat through step 5.1 a i)
   for(k=0; k<n; k++)
   if(r[k]==a[i])
   flag++

5.1 a iii) if(flag==0)
   r[rc]=a[i];
   rc++

6. Repeat through step 6
   for(i=0; i<rc; i++)
   printf r[i].

Flow chart


Start
count=0, k=0
rC=0
for(i=0; i<n; i++)
False
True
r[i]=0
for(i=0; j<n; i++)
False
True
Input a[i]
for(i=0; i<n; i++)
False
True
for(j=0; j<n; j++)
False
True
if a[i]!=a[j]
False
True
flag=0
for(k=0; k<n; k++)
False
True
if r[k]!=a[i]
flag+1
if flag==0
False
True
r[rC]=a[i]; rC++
for(i=0; i<rC; i++)
False
True
Print r[i]
Stop