



Project Classes Debug C.OSI.c

```
35 for (i = 0; i < n; i++)
36 {
37     if (f[i] == 0)
38     {
39         int flag = 0;
40         for (j = 0; j < m; j++)
41         {
42             if (need[i][j] > avail[j])
43             {
44                 flag = 1;
45                 break;
46             }
47         }
48         if (flag == 0)
49         {
50             ans[ind++] = i;
51             for (y = 0; y < m; y++)
52                 avail[y] += alloc[i][y];
53             f[i] = 1;
54         }
55     }
56 }
57
58 int flag = 1;
59 for (i = 0; i < n; i++)
60 {
61     if (f[i] == 0)
62     {
63         flag = 0;
64         printf("The following system is not safe");
65         break;
66     }
67 }
68 if (flag == 1)
69 {
70     printf("Following is the SAFE Sequence\n");
71     for (i = 0; i < n - 1; i++)
72         printf(" P%d ->", ans[i]);
73     printf(" P%d", ans[n - 1]);
74 }
75 return (0);
76 }
```

```
C:\Users\chitt\OneDrive\Documents\C.OSI.exe
Following is the SAFE Sequence
P0 -> P1 -> P2 -> P3
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Process exited after 0.07833 seconds with return value 0
Press any key to continue . . .
```