

Visual Studio Code editor window titled "08.Denomination.c - Programs in C language - Visual Studio Code". The Explorer sidebar on the left shows a list of open editors under "OPEN EDITORS" and "PROGRAMS IN C LANGUAGE". The "08.Denomination.c" file is selected and highlighted in blue. The main editor area displays the C code for calculating the number of notes required for a given amount.

```
1 #include <stdio.h>
2 #include <stdlib.h>
3 int main()
4 {
5     long long int amount;
6     printf("Enter the amount: ");
7     scanf("%lld", &amount);
8     int count2000 = 0, count500 = 0, count100 = 0, count50 = 0, count20 = 0;
9
10    if (amount >= 2000)
11    {
12        count2000 = amount / 2000;
13        printf("required no of 2000 notes %d\n", count2000);
14    }
15    count2000 = count2000 * 2000;
16    amount -= count2000;
17
18    if (amount >= 500)
19    {
20        count500 = amount / 500;
21        printf("required no of 500 notes %d\n", count500);
22    }
23    count500 *= 500;
24    amount -= count500;
25
26    if (amount >= 100)
27    {
28        count100 = amount / 100;
29        printf("required no of 100 notes %d\n", count100);
30        count100 *= 100;
31        amount -= count100;
32
33        if (amount >= 50)
34        {
35            count50 = amount / 50;
36            printf("required no of 50 notes %d\n", count50);
37            count50 *= 50;
38            amount -= count50;
39
40            if (amount >= 20)
41            {
42                count20 = amount / 20;
43                printf("required no of 20 notes %d\n", count20);
44                count20 *= 20;
45                amount -= count20;
46            }
47        }
48    }
49 }
```

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```
15 count2000 = count2000 * 2000;
16 amount -= count2000;
17
18 if (amount >= 500)
19 {
20     count500 = amount / 500;
21     printf("required no of 500 notes %d\n", count500);
22 }
23
24 count500 *= 500;
25 amount -= count500;
26
27 if (amount >= 100)
28 {
29     count100 = amount / 100;
30     printf("required no of 100 notes %d\n", count100);
31     count100 *= 100;
32     amount -= count100;
33
34     if (amount >= 50)
35     {
36         count50 = amount / 50;
37         printf("required no of 50 notes %d\n", count50);
38         count50 *= 50;
39         amount -= count50;
40
41         if (amount >= 20)
42         {
43             count20 = amount / 20;
44             printf("required no of 20 notes %d\n", count20);
45             count20 *= 20;
46             amount -= count20;
47         }
48     }
49 }
```

