

TP 10

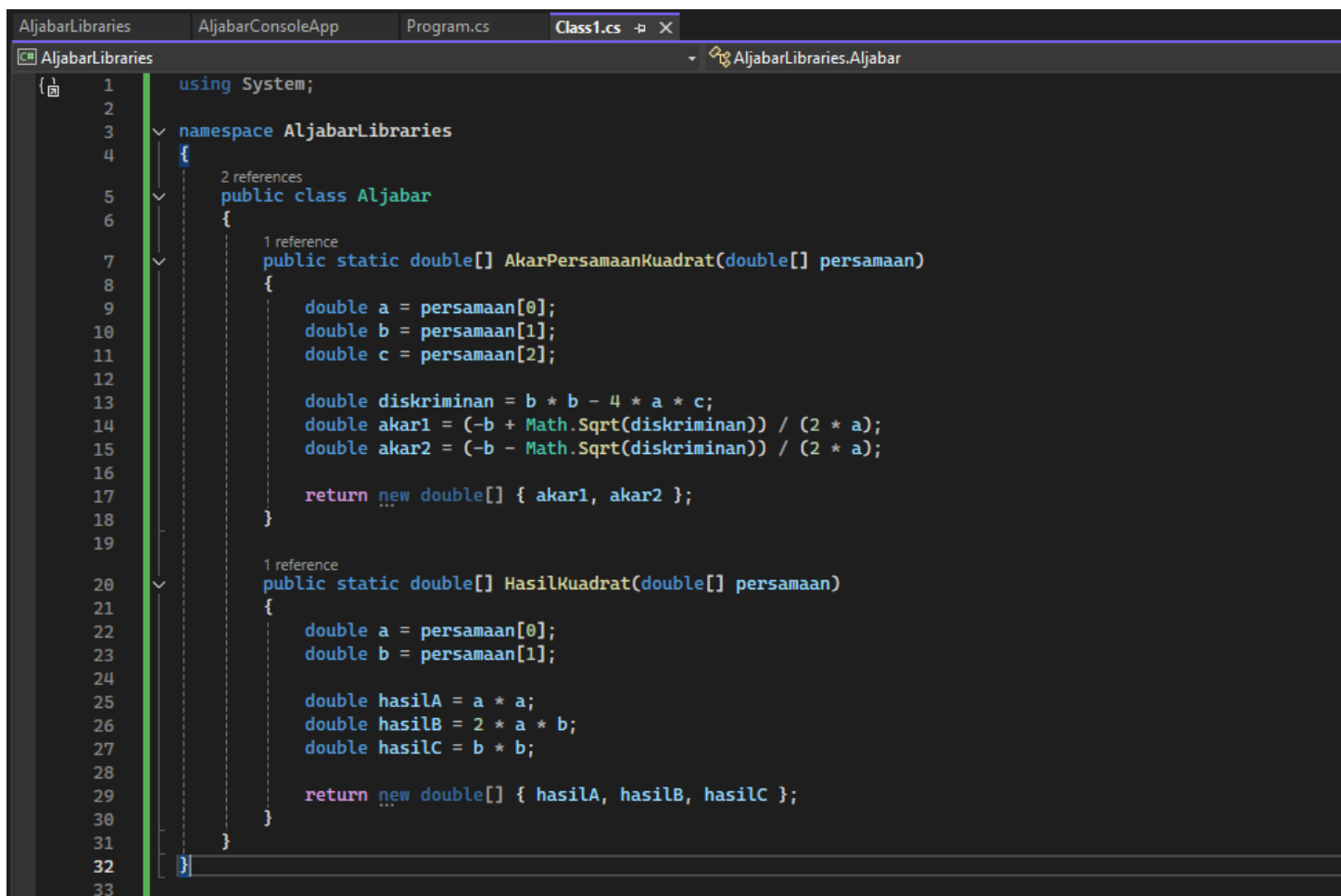
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Link Repo:

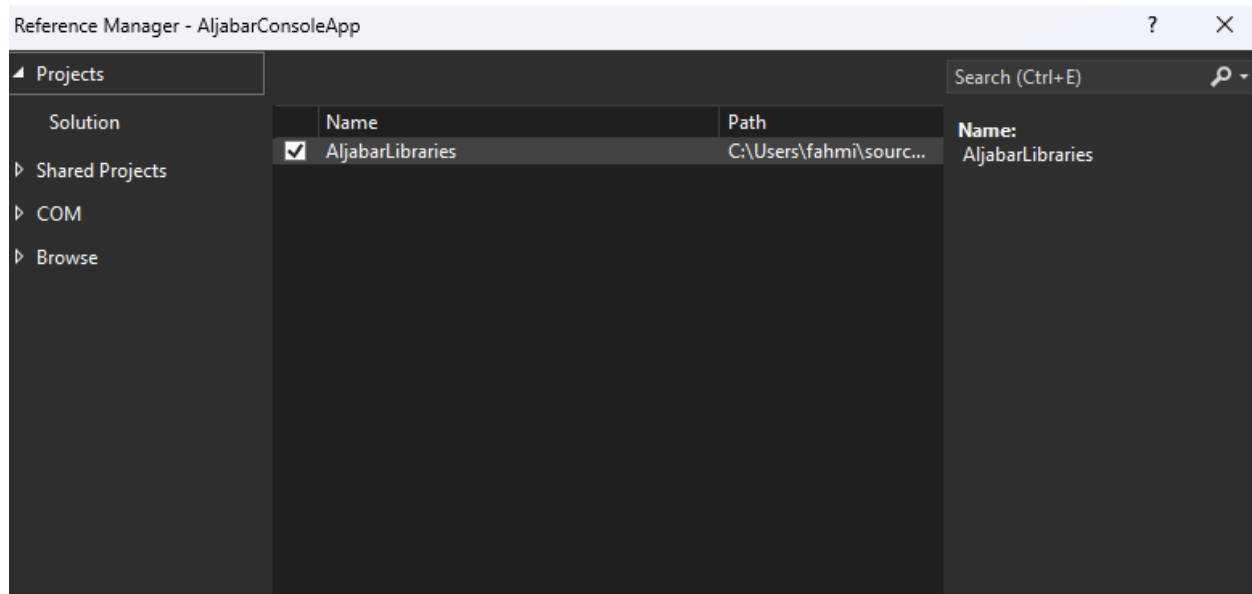
https://github.com/fahmihasanasagaf/KPL_2311104074_SE0702/tree/main/10_Library_Costruction

Buat libraries class

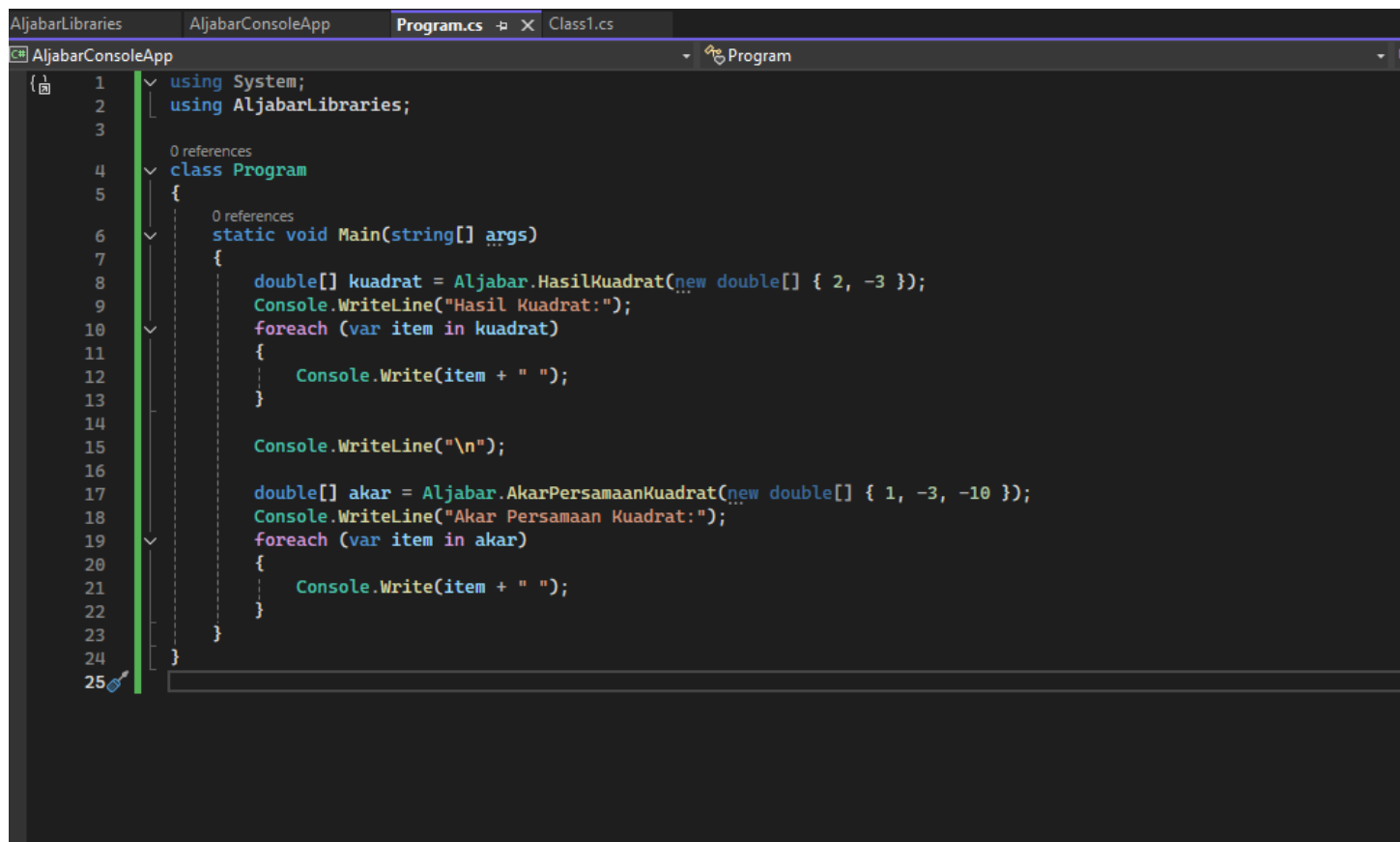


```
1  using System;
2
3  namespace AljabarLibraries
4  {
5      2 references
6      public class Aljabar
7      {
8          1 reference
9          public static double[] AkarPersamaanKuadrat(double[] persamaan)
10         {
11             double a = persamaan[0];
12             double b = persamaan[1];
13             double c = persamaan[2];
14
15             double diskriminan = b * b - 4 * a * c;
16             double akar1 = (-b + Math.Sqrt(diskriminan)) / (2 * a);
17             double akar2 = (-b - Math.Sqrt(diskriminan)) / (2 * a);
18
19             return new double[] { akar1, akar2 };
20         }
21
22         1 reference
23         public static double[] HasilKuadrat(double[] persamaan)
24         {
25             double a = persamaan[0];
26             double b = persamaan[1];
27
28             double hasilA = a * a;
29             double hasilB = 2 * a * b;
30             double hasilC = b * b;
31
32             return new double[] { hasilA, hasilB, hasilC };
33         }
34     }
```

Tambah libraries console app dan centang aljabar libraries di project referencee



Code di aljabarconsoleapp



Output

```
Hasil Kuadrat:  
4 -12 9  
  
Akar Persamaan Kuadrat:  
5 -2  
C:\Users\fahmi\source\repos\KPL_2311104074_SE0702\10_Library_Construction\TPmodul10\AljabarConsoleApp\bin\Debug\net8.0\A  
ljabarConsoleApp.exe (process 14972) exited with code 0 (0x0).  
Press any key to close this window . . .|
```