```csharp
1  namespace HurdleTest
2  {
3      internal class Program
4      {
5          //A = 2,3,5,7,11,13,17,19,23,29
6          //B = "7489"
7          //=> B = 19,11,23,29
8
9          static void Main(string[] args)
10         {
11             Console.WriteLine("OOP Hurdle Test");
12             FileSystem fileSystem = new();
13
14             for (int i = 0; i <= 19; i++)
15             {
16                 if (i < 10)
17                 {
18                     File newFile = new($"105547489-0{i}", ".txt", 100);
19                     fileSystem.Add(newFile);
20                 }
21                 else
22                 {
23                     File newFile = new($"105547489-{i}", ".txt", 100);
24                     fileSystem.Add(newFile);
25                 }
26             }
27
28             Folder folder1 = new("Folder 1");
29             fileSystem.Add(folder1);
30             for (int i = 0; i <= 11; i++)
31             {
32                 if (i < 10)
33                 {
34                     File newFile = new($"105547489-0{i}", ".txt", 100);
35                     folder1.Add(newFile);
36                 }
37                 else
38                 {
39                     File newFile = new($"105547489-{i}", ".txt", 100);
40                     folder1.Add(newFile);
41                 }
42             }
43
44             Folder folder2 = new("Folder 2");
45             Folder folder3 = new("Folder 3");
46             folder2.Add(folder3);
47             fileSystem.Add(folder2);
48             fileSystem.Add(folder3);
49
```

```
50              for (int i = 0 ; i <= 23 ; i++)
51              {
52                  if (i < 10)
53                  {
54                      File newFile = new($"105547489-0{i}", ".txt", 100);
55                      folder3.Add(newFile);
56                  }
57                  else
58                  {
59                      File newFile = new($"105547489-{i}", ".txt", 100);
60                      folder3.Add(newFile);
61                  }
62              }
63
64          //Adding empty folder
65          for (int i = 0; i <= 29; i++)
66          {
67              Folder emptyFolder = new($"Empty{i}");
68              fileSystem.Add(emptyFolder);
69          }
70
71          fileSystem.PrintContents();
72          Console.ReadLine();
73        }
74    }
75 }
76
```