```cpp
1  #include <iostream>
2  #include <fstream>
3  using namespace std;
4
5  int main()
6  {
7      ofstream firstequation;
8      ofstream secondequation;
9      ofstream thirdequation;
10     ofstream fourthequation;
11     ofstream fifthequation;
12     ofstream sixthequation;
13     int array1[8] = { 18,5,-7,3,6,2,6,0};
14     int array2[12] = { 8,5,-7,4,6,3,9,2,8,1,9,0 };
15     int array3[8] = { 8,3,-7,5,6,2,6,0 };
16     int array4[10] = { 8,5,-7,2,6,4,9,3,-8,0 };
17     int array5[14] = { 8,3,-6,0,5,5,6,2,8,8,-7,7,6,1 };
18     int array6[10] = { 9,5,-6,2,5,4,18,3,-9,0 };
19     firstequation.open(_Filename: "Firstequation.txt");
20     secondequation.open(_Filename: "secondequation.txt");
21     thirdequation.open(_Filename: "thirdequation.txt");
22     fourthequation.open(_Filename: "fourthequation.txt");
23     fifthequation.open(_Filename: "fifthequation.txt");
24     sixthequation.open(_Filename: "sixthequation.txt");
25     for (int i = 0; i < 8; i++)
26     {
27         firstequation << array1[i] << endl;
28     }
29
30     for (int i = 0; i < 12; i++)
31     {
32         secondequation << array2[i] << endl;
33     }
34
35     for (int i = 0; i < 8; i++)
36     {
37         thirdequation << array3[i] << endl;
38     }
39
40     for (int i = 0; i < 10; i++)
41     {
42         fourthequation << array4[i] << endl;
43     }
44
45     for (int i = 0; i < 14; i++)
46     {
47         fifthequation << array5[i] << endl;
48     }
49
```

```
50      for (int i = 0; i < 10; i++)
51      {
52          sixthequation << array6[i] << endl;
53      }
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69      return 0;
70  }
```