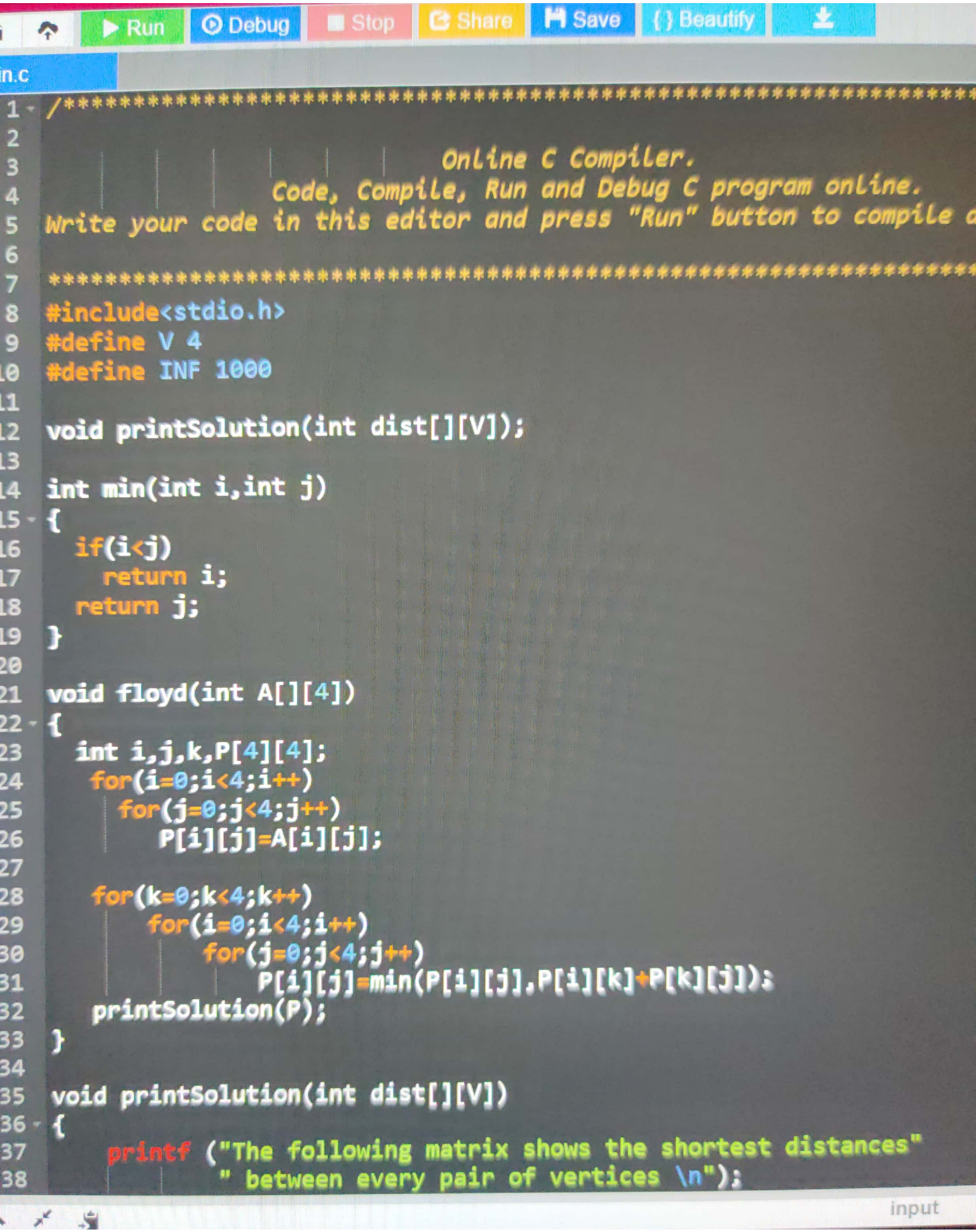

Run | Debug | Stop | Share | Save | { } Beautify

main.c

```
25          for(j=0;j<4;j++)
26              P[i][j]=A[i][j];
27
28      for(k=0;k<4;k++)
29          for(i=0;i<4;i++)
30              for(j=0;j<4;j++)
31                  P[i][j]=min(P[i][j],P[i][k]+P[k][j]);
32      printSolution(P);
33  }
34
35  void printSolution(int dist[][V])
36  {
37      printf ("The following matrix shows the shortest distances"
38              " between every pair of vertices \n");
39      for (int i = 0; i < V; i++)
40      {
41          for (int j = 0; j < V; j++)
42          {
43              if (dist[i][j] == INF)
44                  printf("%7s", "INF");
45              else
46                  printf ("%7d", dist[i][j]);
47          }
48          printf("\n");
49      }
50  }
51
52
53  int main()
54  {
55      int graph[V][V] = { {0,   INF,  3, INF},
56                          {2, 0,   INF, INF},
57                          {INF, 7, 0,   1},
58                          {6, INF, INF, 0}
59                        };
60      floyd(graph);
61      return 0;
62  }
```

input

Press ENTER to exit console.