

```

1 #include <iostream>
2 #include <fstream>
3 using namespace std;
4
5 void crea_matrice(int *v1, int r, int *v2, int c, const char* s){
6
7     if(r<=0 || c<=0) return;
8
9     int mat[r][c];
10
11     for(int i=0;i<r;i++)
12         for(int j=0;j<c;j++)
13             mat[i][j] = v1[i]*v2[j];
14
15     ofstream out(s);
16     if(!out)
17         return;
18     out << "v1: ";
19     for(int i=0;i<r;i++){
20         out << v1[i];
21         if(i!=r-1)
22             out << ", ";
23     }
24     out << "]" << endl;
25
26     out << "v2: ";
27     for(int i=0;i<c;i++){
28         out << v2[i];
29         if(i!=c-1)
30             out << ", ";
31     }
32     out << "]" << endl;
33
34     out << "Matrice: " << endl;
35     for(int i=0;i<r;i++){
36         for(int j=0;j<c;j++){
37             out << mat[i][j] << "\t";
38         }
39         out << endl;
40     }
41 }
42
43
44 int main(){
45     int v1[5] = {7,2,3,3,1};
46     int v2[4] = {1,5,4,3};
47
48     crea_matrice(v1,5,v2,4,"output-2.txt");
49 }

```