BILETUL NR.1

```cpp
#include <iostream>
#include <fstream>
using namespace std;

ifstream fin("DATE.TXT");

int main() {
  int x,n; fin >> n;
  int v[n]; for (int i=0; i<n; i++) fin >> v[i];

  for (int i=0; i<=9; i++)
    for (int j=0; j<n; j++)
      if (v[j]%10==i) cout << v[j] << " ";
}
```

BILETUL NR.2

```cpp
#include <iostream>
#include <fstream>
using namespace std;

ifstream fin("BAC.DAT");

int main() {
  int n,m; fin >> n >> m;
  int min=10000,max=-10000,x,y,cont=0,aux;
  for (int i=1; i<=n; i++) {
    fin >> x;
    if (x<min) min=x;
    if (x> max) max=x;
  }
  for (int i=1; i<=m; i++) {
    fin >> x >> y;
    if (y<x) {aux=x; x=y; y=aux;}
    if (x<=min && y>=max) cont++;
  }
  cout << cont;
}
```

BILETUL NR.4

```cpp
#include <iostream>
#include <fstream>
using namespace std;

ifstream fin("bac.txt");

int main() {
  int x,k; cin >> k;
  int v[100]={0};
  while (fin >> x) v[x]=1;
  for (int i=k+1; i<=99; i++) if (v[i]==1) cout << i << " ";
}
```

BILETUL NR.6

```cpp
#include <iostream>
#include <fstream>
using namespace std;

ifstream fin("NUMERE.IN");

int main() {
  int x,v[501]={0};
  while (fin >> x) v[x]++;
  for (int i=500; i>=1; i--)
    if (v[i]==1) cout << i << " ";
}
```

BILETUL NR.5

```cpp
#include <iostream>
#include <fstream>
using namespace std;
ifstream fin("bac.txt");

int main() {
  int x,k,nr=10000,ap=0; cin >> k;
  while (fin >> x) {
    if (x>=k) {
      if (x<nr) {nr=x; ap=1;}
      else if (x==nr) ap++;
    }
  }
  if (ap==0) cout << 0;
  else cout << nr << " " << ap;
}
```

BILETUL NR.3

```cpp
#include <iostream>
#include <fstream>
using namespace std;

ifstream fin("BAC.DAT");

int main() {
  int x,max=-1,ultNr=10000,nrDiv,i;
  while (fin >> x) {
    nrDiv=2;
    for (i=2; i*i<=x; i++) if (x%i==0) nrDiv+=2;
    if ((i-1)*(i-1)==x) nrDiv--;
    if (nrDiv>max) {max=nrDiv; ultNr=x;}
    else if (nrDiv==max && x<ultNr) {max=nrDiv; ultNr=x;}
  }
  cout << ultNr;
}
```