Adatbázis rendszerek I.

BSc

2. Gyak.

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Készítette:

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1. feladat

```
    public void hf1 () {
        String sor;
        String[] szavak;
        int sorid = 0 ;
        try {
            BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
            BufferedWriter bw = null;
        while ( sorid >= 0) {
            sor = br.readLine();
            if (sorid == 0) {
            bw = new BufferedWriter(new FileWriter(sor));
        } else {
            bw.write(sor);
            bw.newLine();
            }
            sorid = sorid + 1;
            szavak = sor.split(" ");
            for (String sz : szavak){
            System.out.println(sz+":");
            if (sz.compareTo("end") == 0 ) {
            br.close();
            sorid = -1;
        }
    }
}
            bw.close();
            System.out.println("Ok");
            } catch (Exception ee){
        ee.printStackTrace();
        }
    }
}
```

2. feladat

```
public void hf2 (String fnev) {
        String sor;
        String[] szavak;
        int sorid = 0 ;
        try {
            BufferedReader br = new BufferedReader(new FileReader(fnev));
            while ( (sor = br.readLine()) != null) {
                System.out.println(sor.toUpperCase());
            }
            br.close();
            System.out.println("Ok");
        } catch (Exception ee){
        ee.printStackTrace();
    }
}
```

3. feladat

```
public void hf3 (String fnevbe, String fnevki) {
    String sor;
    String[] szavak;
    String[] k1 = { "1", "2", "3", "4", "5", "6", "7", "8", "9", "0" };
    String[] k2 = { " egy ", " kettő ", " három ", " négy ", " öt ", " hat ", " hét ",
    "nyolc ", "kilenc ", " nulla" };
    int sorid = 0 ;
    try {
        BufferedWriter bw = new BufferedWriter(new FileWriter(fnevki));
        BufferedReader br = new BufferedReader(new FileReader(fnevbe));
        while ( (sor = br.readLine()) != null) {
            for (int i=0; i<10; i++){
                sor = sor.replace(k1[i],k2[i]);
            }
        bw.write(sor);
        bw.newLine();
    }
    br.close();
    bw.close();
```

4. feladat

```
public class Auto implements Serializable {
        private static final long serialVersionUID = 1L;
        String rsz;
        String tipus;
        int ar;
        public Auto (String r, String t, int a){
            this.rsz = r;
            this.tipus = t;
            this.ar = a;
        }
}

public void hf4 () {
        String sor;
        Auto[] autoim = {new Auto("R11","Opel",333),new Auto("R12","Fiat",233),
        new Auto("R14","Skoda",364)};
        try {
            ObjectOutputStream kifile = new ObjectOutputStream(
            new FileOutputStream ("Autok.dat")
            );
            for (Auto auto : autoim) {
                kifile.writeObject(auto);
            }
            kifile.close();
        } catch (Exception e) {
            e.printStackTrace();
            System.out.println ("File nyitasi hiba");
        }
            System.out.println ("OK");
}
```