**Exercitiul 6:**

```
public class Exercitiul6 {


   public static void main(String[] args) {
      for(int i='A'; i<='Z'; i++) {
         System.out.println(i);


      }
   }
}
```

**Exercitiul 7:**

```
import java.util.Scanner;
public class Exercitiul7 {


   public static void main(String[] args) {
      Scanner s1 = new Scanner(System.in);
      System.out.println("Introduceti n");
      int n = s1.nextInt();
      s1.close();
      int s=0; int p=1;
      int a=0; int b=1;
      int c=0; int d=1;
      int e=0; int f=1;


      for(int i=1; i<=n; i++) {
         s=s+(2*i-1);
         p=p*(2*i-1);
```

```
        }
        System.out.println("a)"+ s+" "+p);

        for(int j=1; j<=n; j++) {
           a=a+(2*j);
           b=b*(2*j);
        }
        System.out.println("b)" + a+" "+b);

        for(int k=1; k<=n; k++) {
           c=c+(3*k);
           d=d*(3*k);
        }
        System.out.println("c)"+ c+" "+d);

        for(int l=1; l<=n; l++) {
           e=e+(4*l);
           f=f*(4*l);
        }
        System.out.println("d)"+ e+" "+f);

    }
 }
```

**Exercitiul 8:**

```
import java.util.Scanner;
public class Exercitiul8 {
```

```
    public static void main(String[] args) {
        Scanner s1 = new Scanner(System.in);
        System.out.println("Introduceti n");
        int n = s1.nextInt();
        s1.close();
        double s=0;
        for(double i=1; i<=n; i++) {
            if (i % 2 == 0) {
                s=s-1.0/i;
            }
            else {
                s=s+1.0/i;
            }
        }
        System.out.println(s);

    }

}
```