Ex.7 p.97

```
import java.util.Scanner;

public class ex7p97 {
   public static void main(String args[])
   {
      int n, n1, n2, n3, i, sum = 0, product = 1;
      Scanner num = new Scanner(System.in);
      System.out.print("Introdu n: ");
      n = num.nextInt();
      num.close();

      n1 = n;
      n2 = n;
      n3 = n;

      System.out.println("a)");

      for(i = 1; i <= n; i++){
         System.out.println(2*i-1);
         sum += 2*i-1;
         product = product*(2*i-1);
      }
      System.out.println("Suma acestor numere impare este: " + sum + "\nProdusul acestor numere impare
este: " + product);

      System.out.println("\n\n\nb)");

      sum = 0;
      product = 1;

      for(i = 1; i <= n1; i++){
         System.out.println(2*i);
         sum += 2*i;
         product = product*(2*i);
      }
      System.out.println("Suma acestor numere pare este: " + sum + "\nProdusul acestor numere pare este: " +
product);

      System.out.println("\n\n\nc)");

      sum = 0;
      product = 1;

      for(i = 1; i <= n2; i++){
         System.out.println(3*i);
         sum += 3*i;
         product = product*(3*i);
      }
      System.out.println("Suma acestor numere este: " + sum + "\nProdusul acestor numere este: " + product);

      System.out.println("\n\n\nd)");

      sum = 0;
      product = 1;

      for(i = 1; i <= n3; i++){
         System.out.println(4*i);
         sum += 4*i;
         product = product*(4*i);
      }
```

```
        System.out.println("Suma acestor numere este: " + sum + "\nProdusul acestor numere este: " + product);

    }
}
```

Ex.8 p.97

```
import java.util.Scanner;

public class exfractions {
    public static void main (String args[])
    {
        int n;
        float sum = 0, i;
        Scanner num = new Scanner(System.in);
        System.out.print("Enter n: ");
        n = num.nextInt();
        num.close();

        for(i = 1; i <= n; i++){
            System.out.println(1/i);
            if(i%2 == 0){
                sum -= 1/i;
            }
            else sum += 1/i;
        }
        System.out.println("The sum is: " + sum);
    }
}
```

Ex de pe fisa

```
import java.util.Scanner;

public class exercises {
    public static void main (String args[])
    {
        int n;
        float sum = 0, i = 0;
        Scanner num = new Scanner(System.in);
        System.out.print("Enter n: ");
        n = num.nextInt();
        num.close();

        while(i <= n){
            System.out.println(i/(i+1));
            sum += i/(i+1);
            i++;
        }

        System.out.println("The sum is: " + sum);
    }
}
```