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1) public class TestDrive {
public static void main(String [] args) {
    Scanner sc = new Scanner(System.in);
    System.out.println("introduceti n= ");
    double n=sc.nextDouble();
    double s=0;
    for(double i=1; i<=n; i++) {
        s=s+i/((i+1)*(i+2));
    }
    System.out.println("s= "+s);
    sc.close();
}
}

```

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2) public class TestDrive {
public static void main(String [] args) {
    int i=1;
    while(i<=7) {
        int j=1;
        System.out.println();
        while (j<=i) {
            int m=1;
            System.out.println(j);
            while(m<=i-1) {
                System.out.println(m);
                m++;
            }
            System.out.println();
            j++;
        }
        System.out.println();
        i++;
    }
}
}

```

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3) public class TestDrive {
public static void main(String [] args) {
    double i=100;
    double s=0;
    double s1=0;
    do {
        s1+=(i-2)+1/i;
        s=s+1/(2+s1);
        i--;
    } while(i<=1);
    System.out.printf("%.5f%n", s);
}
}

```

```

2) public class TestDrive {
public static void main(String [] args) {
    int i=1;
    while(i<=7) {
        int j=1;
        System.out.println();
        while (j<=i) {
            int m=1;
            System.out.print(j);
            while(m<=i-1) {
                System.out.print(m);
                m++;
            }
            System.out.println();
            j++;
        }
        System.out.println();
        i++;
    }
}
}

```

```

3) public class TestDrive {
public static void main(String [] args) {
    double i=100;
    double s=0;
    double s1=0;
    double n=100;
    do {
        s=n;
        s1+=1/s+(i-2);
        n=s1;
        i=i-2;
    } while(i<=1);
    System.out.printf("%.5f\n", s);
}
}

```

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4) import java.util.Scanner;
public class TestDrive {
public static void main(String [] args) {
    Scanner sc = new Scanner(System.in);
    int a=1, b=1, c=1;
    int n=sc.nextInt();
    if(n==1) {
        System.out.println(1);
    } else if(n==2) {
        System.out.println(1);
    }
    for(int i=3; i<=30; i++) {
        a=b;
        b=c;
        c=a+b;
        if(n==i) {

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        System.out.println(c);
    }
}
sc.close();
}
```