

```
import java.util.Scanner;

public class Main{

    public static void main(String []args){

        double sum=0.0;

        Scanner lore=new Scanner(System.in);

        int n=lore.nextInt();

        for (int i=1;i<=n;i++){

            sum=sum+(double)i/(i+1);

        }

        System.out.println(sum);

        lore.close();

    }

}
```