

```

1  import java.util.ArrayList;
2  import java.util.List;
3  import java.util.Scanner;
4
5  public class Fibo {
6      public static void main(String[] args){
7          List<Integer> fibo = new ArrayList<Integer>();
8          int n, x = 0, y = 0, z = 1;
9          Scanner s = new Scanner(System.in);
10         System.out.print("Enter value of n:");
11         n = s.nextInt();
12         for(int i = 1; i <= n; i++)
13         {
14             x = y;
15             y = z;
16             z = x + y;
17             fibo.add(x);
18         }
19         System.out.println("The fibonacci number at "+n+" is "+fibo.get(n-2));
20     }
21 }
22
23

```

```

C:\Users\ebene\Desktop>java classtext_java_22.java
Enter value of n:5
The fibonacci number at 5 is 2

```