**PROBLEME CU FOR**

|  |
| --- |
| import java.util.Scanner; |
|  |

|  |
| --- |
| public class Ex1{ |
|  |

|  |
| --- |
| public static void main(String[] args) { |
|  |

|  |
| --- |
| double n,s=0; |
|  |

|  |
| --- |
| Scanner Sc=new Scanner(System.in); |
|  |

|  |
| --- |
| n=Sc.nextDouble(); |
|  |

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

|  |
| --- |
| s=s+(2\*i-1); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| System.out.println(s); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| import java.util.Scanner; |
|  |

|  |
| --- |
| public class Ex2{ |
|  |

|  |
| --- |
| public static void main(String[] args) { |
|  |

|  |
| --- |
| double n,s=0; |
|  |

|  |
| --- |
| Scanner Sc=new Scanner(System.in); |
|  |

|  |
| --- |
| n=Sc.nextDouble(); |
|  |

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

|  |
| --- |
| s=s+(2\*i); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| System.out.println(s); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| import java.util.Scanner; |
|  |

|  |
| --- |
| public class Ex3{ |
|  |

|  |
| --- |
| public static void main(String[] args) { |
|  |

|  |
| --- |
| double n,s=1; |
|  |

|  |
| --- |
| Scanner Sc=new Scanner(System.in); |
|  |

|  |
| --- |
| n=Sc.nextDouble(); |
|  |

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

|  |
| --- |
| s=s\*(2\*i); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| System.out.println(s); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| import java.util.Scanner; |
|  |

|  |
| --- |
| public class Ex4 { |
|  |

|  |
| --- |
| public static void main(String[] args) { |
|  |

|  |
| --- |
| double n,s=0; |
|  |

|  |
| --- |
| Scanner Sc=new Scanner(System.in); |
|  |

|  |
| --- |
| n=Sc.nextDouble(); |
|  |

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

|  |
| --- |
| s=s+(3\*i); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| System.out.println(s); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| import java.util.Scanner; |
|  |

|  |
| --- |
| public class Ex5 { |
|  |

|  |
| --- |
| public static void main(String[] args) { |
|  |

|  |
| --- |
| double n,s=1; |
|  |

|  |
| --- |
| Scanner Sc=new Scanner(System.in); |
|  |

|  |
| --- |
| n=Sc.nextDouble(); |
|  |

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

|  |
| --- |
| s=s\*(3\*i); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| System.out.println(s); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| import java.util.Scanner; |
|  |

|  |
| --- |
| public class Ex6 { |
|  |

|  |
| --- |
| public static void main(String[] args) { |
|  |

|  |
| --- |
| double n,s=0; |
|  |

|  |
| --- |
| Scanner Sc=new Scanner(System.in); |
|  |

|  |
| --- |
| n=Sc.nextDouble(); |
|  |

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

|  |
| --- |
| s=s+(4\*i); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| System.out.println(s); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
|  |
|  |

|  |
| --- |
| import java.util.Scanner; |
|  |

|  |
| --- |
| public class Ex7 { |
|  |

|  |
| --- |
| public static void main(String[] args) { |
|  |

|  |
| --- |
| double n,s=1; |
|  |

|  |
| --- |
| Scanner Sc=new Scanner(System.in); |
|  |

|  |
| --- |
| n=Sc.nextDouble(); |
|  |

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

|  |
| --- |
| s=s\*(4\*i); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| System.out.println(s); |
|  |

|  |
| --- |
| } |
|  |

|  |
| --- |
| } |
|  |