

Source History

```
1  /*
2   * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
3   */
4
5  package com.mycompany.labprograms;
6  import java.util.*;
7  class prg61{
8      public static void main(String args[]){
9          Scanner sc = new Scanner(System.in);
10         System.out.println("Enter a sentence: ");
11         String s = sc.nextLine();
12         int wCount = 0, lCount = 0;
13         int l = s.length();
14         for (int i = 0; i<l; i++) {
15             char ch = s.charAt(i);
16             if(ch == ' '){
17                 wCount++;
18             }else{
19                 lCount++;
20             }
21         }
22         wCount++;
23         System.out.println("No. of words = "+ wCount);
24         System.out.println("No. of letters = "+ lCount);
25     }
26 }
27
28
29
30
31
```

Output - Run (prg61) ×

```
Nothing to compile - all classes are up to date.  
--- exec:3.5.1:exec (default-cli) @ labprograms ---  
Eneter a sentence:  
Hello how are you  
No. of words = 4  
No. of letters = 14
```

BUILD SUCCESS

Total time: 02:02 min
Finished at: 2026-02-16T13:33:47+05:30

The screenshot shows a Java code editor window with the file `prg62.java` open. The code removes vowels from a given word or sentence. The code uses a Scanner to read input from the console, converts it to uppercase, and then iterates through each character to check if it is a vowel ('A', 'E', 'I', 'O', 'U'). If it is not a vowel, it is added to a new string `sl`. Finally, the modified string is printed to the console.

```
1  /*
2   * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license.
3   * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template.
4   */
5  package com.mycompany.labprograms;
6  import java.util.*;
7  class prg62{
8      public static void main(String args[]) {
9          Scanner sc = new Scanner(System.in);
10         System.out.println("Enter a word or sentence: ");
11         String s = sc.nextLine();
12         int l = s.length();
13         s = s.toUpperCase();
14         String sl = "";
15         for (int i = 0; i < l; i++) {
16             char ch = s.charAt(i);
17             if ( "AEIOU ".indexOf(ch) != - 1 ){
18                 continue;
19             }
20             sl = sl + ch;
21         }
22         System.out.println("String with vowels removed");
23         System.out.println(sl);
24     }
25 }
```

The screenshot shows the output window for the run configuration `com.mycompany.labprograms.prg62`. It displays the command-line interface interaction with the program. The user enters the word `Computer`, and the program outputs the string `String with vowels removed`, which is then displayed as `CMPTR`. The build status is shown as `BUILD SUCCESS`. The total execution time is listed as `Total time: 14.576 s`, and the finished time is `Finished at: 2026-02-16T13:48:54+05:30`.

```
Nothing to compile - all classes are up to date.
--- exec:3.5.1:exec (default-cli) @ labprograms ---
Enter a word or sentence:
Computer
String with vowels removed
CMPTR
-----
BUILD SUCCESS
-----
Total time: 14.576 s
Finished at: 2026-02-16T13:48:54+05:30
```

The screenshot shows a Java code editor with the following code:

```
1  /*
2   * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license.
3   * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template.
4   */
5  package com.mycompany.labprograms;
6  import java.util.*;
7  class prg63{
8      public static void main(String args[]) {
9          Scanner sc = new Scanner(System.in);
10         System.out.println( "Enter a name of 3 words: ");
11         String s = sc.nextLine();
12         int len = s.length();
13         System.out.print(s.charAt(0) + " ");
14         for(int i = 1; i < len; i++) {
15             char ch = s.charAt(i);
16             if(ch == ' ') {
17                 char ch2 = s.charAt(i + 1);
18                 System.out.print(ch2 + " ");
19             }
20         }
21     }
22 }
```

Output - Run (prg63)

```
-- compiler:3.13.0:compile (default-compile) @ labprograms --
Nothing to compile - all classes are up to date.
```

www.3.5.lessons (default slide 3) Johnnemann

--- exec:3.5.1:exec (del)

Enter a name or
Tala Tasneem Rai

L I P

BUILD SUCCESS

Total time: 27.573 s

Finished at: 2026-02-16T13:54:12+05:30

The screenshot shows a Java development environment with a code editor and a toolbar. The code editor displays a Java program named prg64.java. The code uses Scanner and System.out.println to print the last word of a three-word input string. The toolbar includes icons for file operations, search, and navigation.

```
1  /*
2   * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change
3   * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
4   */
5  package com.mycompany.labprograms;
6  import java.util.*;
7  class prg64{
8      public static void main(String args[]) {
9          Scanner sc = new Scanner(System.in);
10         System.out.println("Enter a name of 3 words:");
11         String name = sc.nextLine();
12         int ls = name.lastIndexOf(' ');
13         String s= name.substring(ls + 1);
14         String i = name.substring(0, ls);
15         System.out.println(s+" "+ i);
16     }
17 }
18
```

The screenshot shows the Output window of the IDE, which displays the build logs for the prg64 project. It shows the compilation process, user input for the program, and the resulting output. The window also indicates a build success and provides timing information.

Output - Run (prg64) ×

```
--- compiler:3.13.0:compile (default-compile) @ labprograms ---
Nothing to compile - all classes are up to date.

--- exec:3.5.1:exec (default-cli) @ labprograms ---
Enter a name of 3 words:
java c++ html
htmljava c++

BUILD SUCCESS

Total time: 21.945 s
Finished at: 2026-02-16T13:57:35+05:30
```

The screenshot shows a Java IDE interface with the following details:

- Title Bar:** Shows three tabs: "prg63.java", "prg64.java", and "prg65.java".
- Toolbar:** Includes icons for Source, History, and various file operations like Open, Save, and Find.
- Code Editor:** Displays the code for "prg65.java". The code reads a sentence from the user, splits it into words, and finds the longest word.

```
1  /*
2   * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license
3   * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
4   */
5  package com.mycompany.labprograms;
6  import java.util.*;
7  class prg65{
8      public static void main(String args[]) {
9          Scanner in = new Scanner(System.in);
10         System.out.println("Enter a word or sentence:");
11         String str = in.nextLine();
12         str += "";
13         String word = "", lWord = "";
14         int len = str.length();
15         for (int i = 0; i < len; i++) {
16             char ch = str.charAt(i);
17             if (ch == ' ') {
18                 if (word.length() > lWord.length())
19                     lWord = word;
20                 word = "";
21             }
22             else {
23                 word += ch;
24             }
25         }
26         System.out.println("The longest word:" + lWord +
27             ": The length of the word:" + lWord.length());
28     }
29 }
```

The screenshot shows the "Output - Run (prg65)" window with the following details:

- Compiler Log:** Shows the compilation process: "Nothing to compile - all classes are up to date."
- Execution Log:** Shows the execution process: "Enter a word or sentence:", followed by the input "programm java", and the output "The longest word:programm: The length of the word:6".
- Success Message:** "BUILD SUCCESS"
- Timing:** "Total time: 7.037 s" and "Finished at: 2026-02-16T14:04:33+05:30"

prg63.java × prg64.java × prg65.java × prg66.java ×

Source History

```
1  /*
2   * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license.
3   * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template.
4   */
5  package com.mycompany.labprograms;
6  import java.util.*;
7  public class prg66
8  {
9      public static void main(String args[])
10     Scanner in = new Scanner(System.in);
11     int arr[] = new int[20];
12     System.out.println("Enter 20 numbers");
13     for(int i = 0; i < arr.length; i++) {
14         arr[i] = in.nextInt();
15     }
16     int oddSum = 0, evenSum = 0;
17     for (int i = 0; i < arr.length; i++) {
18         if(arr[i] % 2 == 0){
19             evenSum += arr[i];
20         }else{
21             oddSum += arr[i];
22         }
23     }
24     System.out.println("Sum of Odd numbers = " + oddSum);
25     System.out.println("Sum of Even numbers = "+ evenSum);
26 }
27 }
```

Output - Run (prg66) ×

```
5
9
0
0
9
8
8
6
5
4
3
2
1
Sum of Odd numbers = 43
Sum of Even numbers = 48
```

```
BUILD SUCCESS
```

```
Total time: 29.259 s
```

A screenshot of a Java development environment. The top bar shows tabs for multiple Java files: prg63.java, prg64.java, prg65.java, prg66.java, and prg67.java. Below the tabs is a toolbar with various icons for file operations like new, open, save, and search. The main area is a code editor with line numbers from 1 to 21. The code is as follows:

```
1  /*
2   * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license.
3   * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template.
4   */
5  package com.mycompany.labprograms;
6  import java.util.Scanner;
7  public class prg67{
8      public static void main(String args[]){
9          Scanner in = new Scanner(System.in);
10         double arr[] = new double[2];
11         System.out.println("Enter 2 temperatures in degree Fahrenheit");
12         for(int i = 0; i < arr.length; i++) {
13             arr[i] = in.nextDouble();
14         }
15         System.out.println("Temperatures in degree Celsius");
16         for(int i = 0; i < arr.length; i++) {
17             double tc = 5 * ((arr[i] - 32) / 9);
18             System.out.println(tc);
19         }
20     }
21 }
```

The bottom part of the interface shows the 'Output' window with the title 'Output - Run (prg67)'. It displays the build process and the execution of the program.

```
com.mycompany.labprograms.prg67 > main > arr >
```

Output - Run (prg67) ×

```
--- compiler:3.13.0:compile (default-compile) @ labprograms ---
Recompiling the module because of changed source code.
Compiling 7 source files with javac [debug release 25] to target\classes

--- exec:3.5.1:exec (default-cli) @ labprograms ---
Enter 2 temperatures in degree Fahrenheit
-100
300
Temperatures in degree Celsius
-73.33333333333333
148.88888888888889

BUILD SUCCESS
```

```
Total time: 10.865 s
Finished at: 2026-02-16T14:15:23+05:30
```

The screenshot shows a Java development environment with the following details:

- Toolbar:** Includes tabs for prg63.java, prg64.java, prg65.java, prg66.java, prg67.java, prg68.java, and Source.
- Code Editor:** Displays the source code for `prg68.java`. The code reads 10 integers from standard input, prints them if they are greater than or equal to 0, and prints them again if they are less than 0. A yellow warning icon is present on line 21.

```
1  /*
2   * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license.
3   * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template.
4   */
5  package com.mycompany.labprograms;
6  import java.util.Scanner;
7  public class prg68
8  {
9      public static void main(String args[])
10     Scanner in = new Scanner(System.in); int
11     arr[] = new int[10];
12     System.out.println("Enter 10 numbers");
13     for(int i = 0; i < arr.length; i++) {
14         arr[i] = in.nextInt();
15     }
16     for (int i = 0; i < arr.length; i++) {
17         if(arr[i] < 0)
18             System.out.print(arr[i] + " ");
19     }
20     for (int i = 0; i < arr.length; i++) {
21         if(arr[i] >= 0)
22             System.out.print(arr[i] + " ");
23     }
24 }
25
26
```

The screenshot shows the output window for the run of `prg68`:

- Output:** Displays the input numbers 1 through 10 followed by their respective outputs: 1, 2, 3, 4, 5, 6, 7, 8, 9, 0.
- BUILD SUCCESS**
- Execution Details:** Total time: 12.264 s, Finished at: 2026-02-16T14:18:33+05:30.

Bottom status bar: Run (prg67) 50% × (7 more...) 22:28 INS



Main.java



Run

Output

Clear

```
1- import java.util.Scanner;
2 public class prg69
3 {
4 public static void main(String args[]) {
5 Scanner in = new Scanner(System.in);
6 System.out.print("Enter a character: ");
7 char ch = in.next().charAt(0);
8 System.out.println("Next 5 characters from "
9 + ch + " are:");
10 for (int i = 1; i <= 5; i++) {
11 System.out.println(++ch); }
12 }
13 }
```

Enter a character: v
Next 5 characters from v are:
w
x
y
z
{

==== Code Execution Successful ===

JS



Scanned with OKEN Scanner



```
1- import java.util.Scanner;
2- public class prg70{
3- public static void main(String args[]) {
4 Scanner in = new Scanner(System.in);
5 System.out.print("Enter number of students: ");
    int n= in.nextInt();
6 String name[] = new String[n];
7 int totalmarks[] = new int[n];
8 int grandTotal = 0;
9- for (int i = 0; i < n; i++) {
10 in.nextLine();
11 System.out.print("Enter name of student " + (i
        +1) + ": ");
12 name[i] = in.nextLine();
13 System.out.print("Enter total marks of student
        " + (i+1) + ": ");
14 totalmarks[i] = in.nextInt();
15 grandTotal += totalmarks[i];
16 }
17 double avg = grandTotal / (double)n;
18 System.out.println("Average = " + avg);
19- for (int i = 0; i < n; i++) {
20 System.out.println("Deviation for " + name[i] +
        " = " +(totalmarks[i] - avg));
21 }
22 }
23 }
```

Enter number of students: 2
Enter name of student 1: ken
Enter total marks of student 1: 90
Enter name of student 2: fin
Enter total marks of student 2: 95
Average = 92.5
Deviation for ken = -2.5
Deviation for fin = 2.5
==== Code Execution Successful ===



```
* Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Main.java to edit this
*/
package com.mycompany.pro1;
import java.util.Scanner;
public class prg61
{
    public static void main(String args[])
    {
        Scanner in = new Scanner(System.in);
        String name[] = new String[50];
        int marks[] = new int[50];
        int total = 0;
        for (int i = 0; i<name.length; i++)
        {
            System.out.print("Enter name of student " + (i+1) + ": ");
            name[i] = in.nextLine();
            System.out.print("Enter marks of student " + (i+1) + ":");
            marks[i] = in.nextInt();
            total += marks[i];
            in.nextLine();
        }
        double avg = (double)total / 50.0;
        System.out.println("Subject Average Marks = " + avg); int
        hIdx = 0;
        for (int i = 1; i<marks.length; i++) { if
        (marks[i] > marks[hIdx])
        hIdx = i;
    }
        System.out.println("Highest Marks = " + marks[hIdx]);
        System.out.println("Name = "+ name[hIdx]);
    }
}
```

```
com.mycompany.pro1.prg61 > ┌ main > for (int i = 1; i < marks.length; i++) > if (marks[i] > marks[hIdx])
put - Run (prg61) ×
Compiling 2 source files with javac [javac -d build -cp build/classes]
└ --- exec:3.5.1:exec (default-cli) @ pro1 ---
Enter name of student 1: Shri
Enter marks of student 1:95
Enter name of student 2: vidhya
Enter marks of student 2:98
Enter name of student 3: nithiloa
Enter marks of student 3:97
Enter name of student 4: swetha
Enter marks of student 4:78
Enter name of student 5: rakshitha
Enter marks of student 5:87
Enter name of student 6: sahana
Enter marks of student 6:89
```



```

package com.mycompany.pro1;
import java.util.*;
public class prg62
{
    public static void main(String args[])
    {
        Scanner in = new Scanner(System.in); int
        arr[] = new int[20];
        System.out.println("Enter 20 numbers:"); for
        (int i = 0; i<arr.length; i++) {
            arr[i] = in.nextInt();
        }
        for (int i = 0; i<arr.length / 2 - 1; i++) {
            for (int j = 0; j < arr.length / 2 - i - 1; j++) { if
                (arr[j] < arr[j + 1]) {
                    int t = arr[j + 1];
                    arr[j + 1] = arr[j];
                    arr[j] = t;
                }
            }
        }
        for (int i = 0; i<arr.length / 2 - 1; i++) {
            for (int j = arr.length / 2; j<arr.length - i - 1; j++) { if
                (arr[j] < arr[j + 1]) {
                    int t = arr[j + 1];
                    arr[j + 1] = arr[j];
                    arr[j] = t;
                }
            }
        }
        System.out.println("\nSorted Array:");
        for (int i = 0; i < arr.length; i++) {
            System.out.print(arr[i] + " ");
        }
    }
}

```



```

--- exec:3.5.1:exec (default-cli) @ pro1 ---
Enter 20 numbers:
56
-98
46
72
32
-12
35
-76
-15
^C

```

```
Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Main.java to edit this template
/
package com.mycompany.prol;
import java.util.Scanner;
public class prg63
{
    public static void main(String args[])
    {
        Scanner in = new Scanner(System.in);
        int i = 0;
        int arr[] = new int[20];
        int even[] = new int[20];
        int odd[] = new int[20];
        System.out.println("Enter 20 numbers:");
        for (i = 0; i < 20; i++)
        {
            arr[i] = in.nextInt();
        }
        int eIdx = 0, oIdx = 0;
        for (i = 0; i < 20; i++)
        {
            if (arr[i] % 2 == 0)
                even[eIdx++] = arr[i];
            else
                odd[oIdx++] = arr[i];
        }
        System.out.println("Even Numbers:");
        for (i = 0; i < eIdx; i++)
        {
            System.out.print(even[i] + " ");
        }
        System.out.println("\nOdd Numbers:");
        for (i = 0; i < oIdx; i++)
        {
            System.out.print(odd[i] + " ");
        }
    }
}
```

com.mycompany.prol.prg63 > main > i >

tput >

Run (prg61) × Run (prg62) × Run (prg63) ×

```
17
18
19
20
Even Numbers:
2 4 6 8 10 12 14 16 18 20
Odd Numbers:
1 3 5 7 9 11 13 15 17 19
```

BUILD SUCCESS

Total time: 31.847 s



Scanned with OKEN Scanner

```
package com.mycompany.pro1;
import java.util.Scanner;
public class prg64
{
    public static void main(String args[])
    {
        Scanner in = new Scanner(System.in);
        int arr[] = new int[20];
        System.out.println("Enter 20 numbers");
        for(int i = 0; i < arr.length; i++) {
            arr[i] = in.nextInt();
        }
        System.out.println("Perfect Squares are:");
        for(int i = 0; i < arr.length; i++) {
            double sr = Math.sqrt(arr[i]);
            if ((sr - Math.floor(sr)) == 0)
                System.out.print(arr[i] + ", ");
        }
    }
}
```

The screenshot shows a terminal window within an IDE. The window title is "Run (prg64)". The terminal content is as follows:

```
185
144
256
92
846
707
Perfect Squares are:
49, 64, 81, 16, 121, 144, 256,
```

```
BUILD SUCCESS
```

```
Total time: 02:15 min
```

```
package com.mycompany.pro1;
import java.util.Scanner;
public class prg65
{
    public static void main(String args[])
    {
        Scanner in = new Scanner(System.in);
        double a[] = new double[10];
        int b[] = new int[10];
        System.out.println("Enter 10 decimal numbers"); for
        (int i = 0; i < a.length; i++)
        {
            a[i] = in.nextDouble();
            b[i] = (int)a[i];
        }
        System.out.println("Truncated numbers"); for
        (int i = 0; i < b.length; i++)
        {
            System.out.print(b[i] + ", ");
        }
    }
}
```

The screenshot shows an IDE interface with the following details:

- Title Bar:** com.mycompany.pro1.prg65 > main > for (int i = 0; i < b.length; i++) >
- Run Tab:** Run (prg61) × Run (prg62) × Run (prg65) ×
- Output Window:**

```
1.3456
67.0987
23.75
Truncated numbers
89, 75, 76, 1, 12, 3, 2, 1, 67, 23,
```

```
BUILD SUCCESS
```

```
Total time: 01:23 min
Finished at: 2026-02-16T13:50:26+05:30
```

```
3     * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Main
4
5 package com.mycompany.pro1;
6 import java.util.Scanner;
7 public class prg66
8 {
9     public int armstrong(int n) { int
0         num = n, cubeSum = 0; while
1         (num > 0) {
2             int digit = num % 10;
3             cubeSum = cubeSum + (digit * digit * digit); num
4             /= 10;
5         }
6         if (cubeSum == n)
7             return 1;
8         else
9             return 0;
0     }
1     public static void main(String args[]) {
2         Scanner in = new Scanner(System.in);
3         System.out.print("Enter Number: ");
4         int num = in.nextInt();
5         prg66 obj = new prg66();
6         int r = obj.armstrong(num); if (r== 1)
7             System.out.println(num + " is an Armstrong number");
8         else
9             System.out.println(num + "is not an Armstrong number");
0     }
1 }
```

com.mycompany.pro1.prg66 > armstrong > while (num > 0) >

Output - Run (prg66) ×

```
> --- compiler:3.13.0:compile (default-compile) @ pro1 ---
> Recompiling the module because of changed source code.
> Compiling 7 source files with javac [debug release 25] to target\classes

> --- exec:3.5.1:exec (default-cli) @ pro1 ---
> Enter Number: 153
> 153 is an Armstrong number

-----  
BUILD SUCCESS  
-----  
Total time: 21.273 s  
Finished at: 2026-02-16T14:01:25+05:30
```



Scanned with OKEN Scanner

```
package com.mycompany.pro1;
import java.util.Scanner;
public class prg67
{
    public int pronic(int n) { int
        isPronic = 0;
    for (int i = 1; i <= n - 1; i++) {
        if (i* (i + 1) == n) {
            isPronic = 1;
            break;
        }
    }
    return isPronic;
}
public static void main(String args[]) {
    Scanner in = new Scanner(System.in);
    System.out.print("Enter the number to check: ");
    int num = in.nextInt();
    prg67 obj = new prg67();
    int r = obj.pronic(num);
    if (r == 1)
        System.out.println(num + " is a pronic number");
    else
        System.out.println(num + " is not a pronic number");
}
}
```

m.mycompany.pro1.prg67 >  main > num >

- Run (prg67) x

```
-- compiler:3.13.0:compile (default-compile) @ pro1 --
Recompiling the module because of changed source code.
Compiling 8 source files with javac [debug release 25] to target\c

-- exec:3.5.1:exec (default-cli) @ pro1 --
Enter the number to check: 12
12 is a pronic number
```

BUILD SUCCESS



Scanned with OKEN Scanner

```
/*
 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/
 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/M
 */

package com.mycompany.pro1;
import java.util.Scanner;
public class prg68
{
    public void fact(int n) {
        if (n < 10 || n > 99) {
            System.out.println("ERROR!!! Not a 2-digit number");
            return;
        }
        int i;
        for (i = 2; i <= n; i++) {
            if (n % i == 0)
                break;
        }
        int sf = n / i;
        System.out.println(i + ", " + sf);
    }

    public static void main(String args[]) {
        Scanner in = new Scanner(System.in);
        System.out.print("Enter number:");
        int num = in.nextInt();
        prg68 obj = new prg68();
        obj.fact(num);
    }
}
```

com.mycompany.pro1.prg68 > ● fact >

out - Run (prg68) ×

```
--- compiler:3.13.0:compile (default-compile) @ pro1 ---
Recompiling the module because of changed source code.
Compiling 9 source files with javac [debug release 25] to target\cla:
```

```
--- exec:3.5.1:exec (default-cli) @ pro1 ---
Enter number:21
ERROR!!! Not a 2-digit number
```

BUILD SUCCESS

```
Total time: 4.233 s
Finished at: 2026-02-16T14:11:34+05:30
```



Scanned with OKEN Scanner

```
* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.t
* Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Main.java to edit
*/
package com.mycompany.prol;
import java.util.Scanner;
public class prg69
{
    public long fact(int n) {
        long f = 1;
        for (int i = 1; i<= n; i++) {
            f *= i;
        }
        return f;
    }
    public static void main(String args[]) {
        prg69 obj = new prg69();
        Scanner in = new Scanner(System.in);
        System.out.print("Enter m: ");
        int m = in.nextInt();
        System.out.print("Enter n: ");
        int n = in.nextInt();
        double s = (double)(obj.fact(n)) / (obj.fact(m) * obj.fact(n - m));
        System.out.println("S=" + s);
    }
}
```

com.mycompany.prol.prg69 > main >

```
out - Run (prg69) ×
    Compiler 3.5.0.compile (default compile) @ prol
    Recompiling the module because of changed source code.
    Compiling 10 source files with javac [debug release 25] to target\classes

    --- exec:3.5.1:exec (default-cli) @ prol ---
    Enter m: 6
    Enter n: 5
    S=0.1666666666666666

    -----
    BUILD SUCCESS

    -----
    Total time: 11.518 s
    Finished at: 2026-02-16T14:13:39+05:30
    -----
```



Scanned with OKEN Scanner

```
2 - Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this template
3 * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Main.java to edit this template
4 */
5 package com.mycompany.pro1;
6 import java.util.Scanner;
7 public class prg80
8 {
9     public static void main(String args[])
10    {
11        Scanner in = new Scanner(System.in);
12        System.out.print("Enter a character: ");
13        char ch = in.next().charAt(0);
14        char nextCh = (char)(ch + 10);
15        System.out.println("Tenth character from " + ch + " is " + nextCh);
16    }
}
```

com.mycompany.pro1.prg80

Output - Run (prg80) ×

```
— compiler:3.13.0:compile (default-compile) @ pro1 —
Recompiling the module because of changed source code.
Compiling 12 source files with javac [debug release 25] to target\classes

— exec:3.5.1:exec (default-cli) @ pro1 —
Enter a character: A
Tenth character from A is K

BUILD SUCCESS

Total time: 6.356 s
Finished at: 2026-02-16T14:24:03+05:30
```

