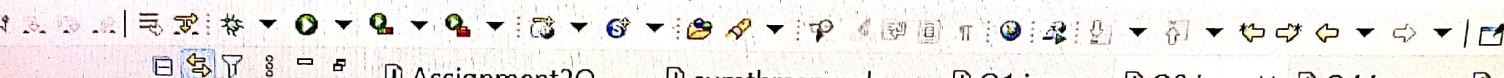


File Navigate Search Project Run Window Help



```
1 //WAP to print even numbers between 1 to 20
2 package day3;
3
4 public class Q2 {
5
6     public static void main(String[] args) {
7         // TODO Auto-generated method stub
8         for (int i = 1; i < 20; i++) {
9             if (i % 2 != 1) {
10                 System.out.println(i);
11             }
12         }
13     }
14 }
15
16 }
17
```

```
<terminated> Q2 (2) [Java Application] C:\Prog
2
4
6
8
10
12
14
16
18
```

I

ose IDE

Run Window Help

Assignment2Q... sumthreenumb... Q1.java × Q2.java Q4.java Q9A.java

```
1 //WAP to print number 1 to 100.  
2 package day3;  
3  
4 public class Q1 {  
5  
6     public static void main(String[] args) {  
7         // TODO Auto-generated method stub  
8         int n =100;  
9         System.out.println("Numbers from 1 to "+n+" ar  
10        for (int i = 1; i <= n; i++) {  
11            System.out.println(i + " ");  
12        }  
13    }  
14}  
15}  
16}
```

Ma... Pr... Se... Da... Sn... Ter... E

<terminated> Q1 (2) [Java Application] C:\Program F
Numbers from 1 to 100 are:

```
1  
2  
3  
4  
5  
6  
7  
8  
9
```



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Run Window Help

```
ent_3.java ×

public class Assignment_3 {
    public static void main(String[] args) {
        int i,j;
        char r='A';
        int space=0;
        for(    i=1;i<=4;i++)
        {
            r='A';
            for(    j=4;j>=i;j--)
            {
                System.out.print(r);
                r++;
            }
            for(int l=0;l<space;l++) System.out.print(" ");
            for(    j=4;j>=i;j--)
            {
                r--;
                System.out.print(r);
            }
            space=space+2;
        }
        System.out.println();
    }
}
```



```
1 package Day05;
2
3 public class Q9D {
4
5     public static void main(String[] args) {
6         int i,j;
7         char r='A';
8         int space=0;
9         for( i=1;i<=4;i++)
10        {
11            r='A';
12            for( j=4;j>=i;j--)
13            {
14                System.out.print(r);
15                r++;
16            }
17            for(int l=0;l<space;l++) System.out.print(" ");
18            for( j=4;j>=i;j--)
19            {
20                r--;
21                System.out.print(r);
22            }
23            space=space+2;
24
25            System.out.println();
26        }
27    }
28
29 }
```



File Search Project Run Window Help



Assignment2Q... sumthreenumb... BreakExampl... BreakExampl... ternary2.java Ma... Pr... Se... Da... Sn... Ter... Co... Co...

```
1 //WAP to print number 1 to 100.  
2 package day3;  
3  
4 public class Q1 {  
5  
6     public static void main(String[] args) {  
7         // TODO Auto-generated method stub  
8         int n =100;  
9         System.out.println("Numbers from 1 to "+n+" ar  
10        for (int i = 1; i <= n; i++) {  
11            System.out.println(i + " ");  
12        }  
13    }  
14}  
15  
16}  
17
```

<terminated> Q1 (2) [Java Application] C:\Program Files\Java\jdk-18.0

92
93
94
95
96
97
98
99
100

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Project Run Window Help

The screenshot shows the Eclipse IDE interface with a Java code editor and a terminal window.

Java Code Editor:

```
1 //WAP to print even numbers between 1 to 20
2 package day3;
3
4 public class Q2 {
5
6     public static void main(String[] args) {
7         // TODO Auto-generated method stub
8         for (int i = 1; i <20; i++) {
9             if (i % 2 != 1) {
10                 System.out.println(i);
11             }
12         }
13     }
14 }
15
16 }
17
```

Terminal Window:

```
<terminated> Q2 (2) [Java Application] C:\P
2
4
6
8
10
12
14
16
18
```

ENG
IN

Run Window Help



```
Assignment2Q... sumthreenumb... BreakExampl... BreakExampl... ternary2.java Ma... Pr... Se... Da... Sn... Ter... Co...
1 //WAP to print cube of 1 to 5 number.
2 package day3;
3 import java.util.Scanner;
4
5 public class Q3 {
6
7     public static void main(String[] args) {
8         // declare here
9         int n,i;
10
11         // enter number upto which you have to find cul
12         System.out.println("Enter the last number for cube :");
13         Scanner Sc= new Scanner(System.in);
14         // scan the number and store it variable.
15         n = Sc.nextInt();
16
17         // loop to find cube all possible numbers.
18         for(i=1;i<=n;i++)
19         {
20             System.out.println("cube of " +i+" is : "+(i*i*i));
21         }
22
23     }
24
25 }
26
```

<terminated> Q3 [Java Application] C:\Program Files\Java\jde...|

Enter the last number for cube :
5

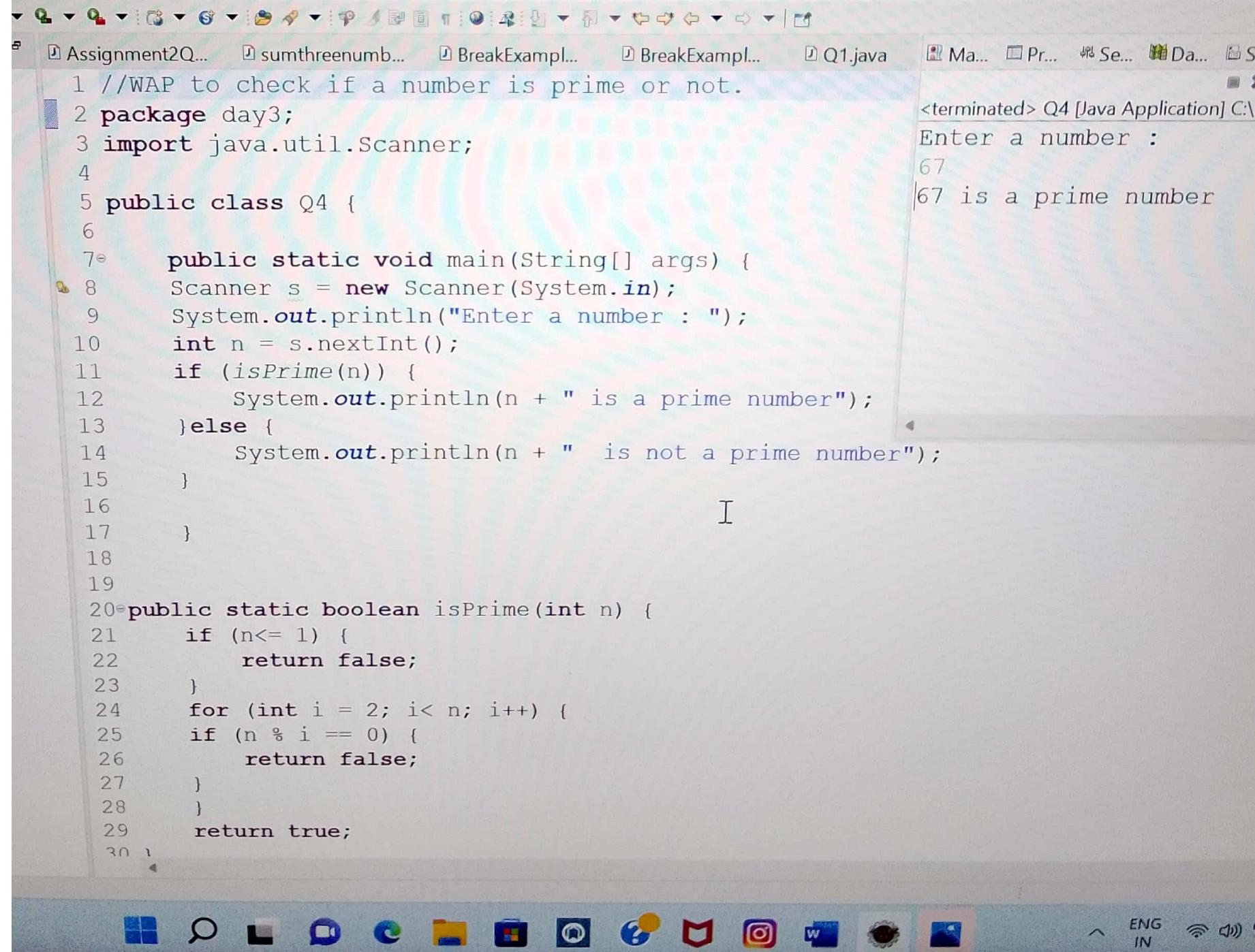
cube of 1 is : 1
cube of 2 is : 8
cube of 3 is : 27
cube of 4 is : 64
cube of 5 is : 125



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clipse IDE

ect Run Window Help



```
1 //WAP to print fibonacci series using for loop i.e add
2 package day3;
3
4 public class Q5 {
5
6     public static void main(String[] args) {
7         int n = 10, firstTerm = 0, secondTerm = 1;
8         System.out.println("Fibonacci Series till " + n);
9
10        for (int i = 1; i <= n; ++i) {
11            System.out.println(firstTerm + ", ");
12
13            // compute the next term
14            int nextTerm = firstTerm + secondTerm;
15            firstTerm = secondTerm;
16            secondTerm = nextTerm;           I
17        }
18
19    }
20
21 }
22
```

<terminated> q5 [Java Application]

1
1
2
3,
5,
8,
13
21
34



```
Assignment2Q... sumthreenumb... BreakExampl... Q1.java Q2.java Q3.java Ma... Pr... Se... Da... Sn... Te
1 //WAP to print factorial of a number 5*4*3*2*1.
2 package day3;
3
4 public class Q6 {
5
6     public static void main(String[] args) {
7         int i, fact=1;
8         int number=5;//It is the number to calculate f.
9
10        for(i=1;i<=number;i++) {
11            fact=fact*i;
12        }
13        System.out.println("Factorial of"+number+"is:");
14    }
15}
16
17}
18
```

<terminated> Q6 (1) [Java Application] C:\Program
Factorial of5is:120



eclipse IDE

File Run Window Help

```
1 //WAP to ask a number from user and print table of that
2 package day3;
3 import java.util.Scanner;
4
5 public class Q7 {
6
7     public static void main(String[] args) {
8         Scanner s = new Scanner(System.in);
9         System.out.println("Enter a number : ");
10        int n = s.nextInt();
11        if (isPrime(n)) {
12            System.out.println(n + " is a prime number");
13        }else {
14            System.out.println(n + " is not a prime number");
15        }
16    }
17
18
19
20+public static boolean isPrime(int n) {
```

I



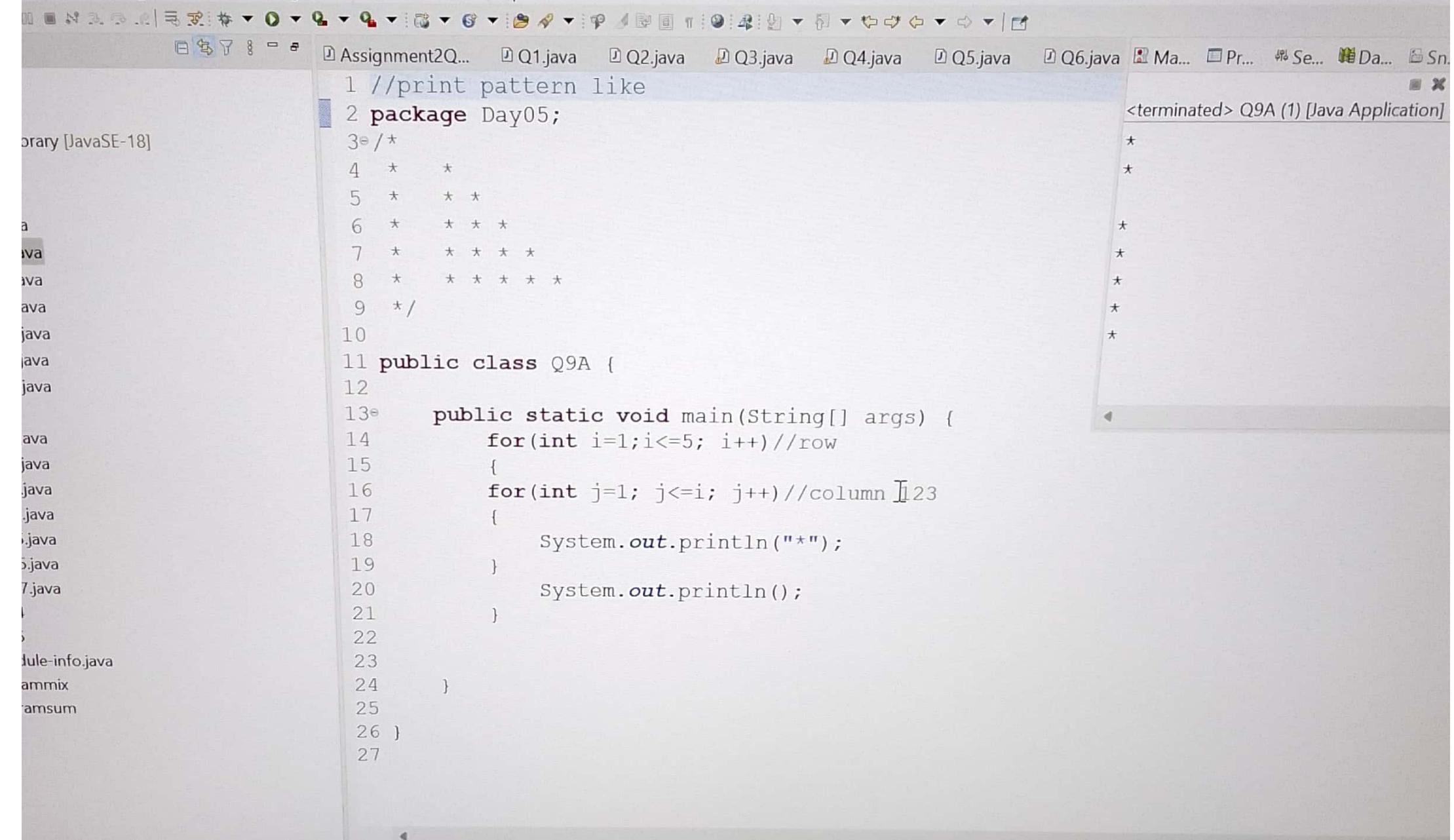
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```
1 //WAP to print prime number between 2 to 20.
2 package Day05;
3 public class Q8 {
4 public static void main(String[] args) {
5
6     int low = 1, high = 20;
7     while (low < high) {
8         boolean flag = false;
9
10        for(int i = 2; i <= low/2; ++i) {
11            // condition for nonprime number
12            if(low % i == 0) {
13                flag = true;
14                break;
15            }
16        }
17        if (!flag && low != 0 && low != 1)
18            System.out.println(low);
19        ++low;
20    }
21
22 }
23
24 }
```

① int low - Day05.Q8.main(String [])







```
1 //print pattern like
2 package Day05;
3 /*
4 * 1
5 * 12
6 * 123
7 * 1234
8 * 12345
9 */
10
11 public class Q9B {
12
13     public static void main(String[] args) {
14         for(int i=1;i<=5; i++)//row 1 2
15         {
16             for(int j=1;j<=i; j++)//column1
17             {
18                 System.out.println(i);
19                 //System.out.println(j);
20             }
21             System.out.println();
22         }
23     }
24 }
25
26 }
27
```

```
<terminated> Q9B (1) [Java Application] C:\Program
```

```
1
2
2      I
3
3
4
```



The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows files Q1.java, Q2.java, Q3.java, Q4.java, Q5.java, Q6.java, Q8.java, and Q9.java.
- Code Editor:** Displays the Java code for Q9C.java. The code reads an integer input from the user and prints a right-angled triangle pattern of characters. The code uses nested loops to achieve this.
- Output View:** Shows the terminal output for the Q9C application. It prompts the user to enter the number of lines (4), then prints the pattern:

```
<terminated> Q9C [Java Application] C:\Program Files\Ja
Enter the no of lines
4
ABCD
ABC
AB
A
```

The screenshot shows the Eclipse IDE interface. The top menu bar includes 'File', 'Project', 'Run', 'Window', and 'Help'. Below the menu is a toolbar with various icons. The left side features a 'Project Explorer' view with files Q4.java, Q5.java, Q6.java, Q8.java, Q9A.java, Q9B.java, Q9F.java, and a folder Ma... (partially visible). The main workspace displays Java code for generating a pattern. The code uses nested loops to print numbers from 1 to 5 in a specific pattern. The right side shows the 'Console' view with the output of the program, which is the same pattern printed vertically. The taskbar at the bottom contains icons for file operations, system status, and network connectivity.

```
1 //print pattern like
2 package Day05;
3 /*
4 *      1
5 *      2 2
6 *      3 3 3
7 *      4 4 4 4
8 *      5 5 5 5 5
9 */
10
11 public class Q9F {
12
13     public static void main(String[] args) {
14         for(int i=1;i<=5; i++)//row 5
15         {
16             for (int j=1;j<=i;j++)//column 0
17             {
18                 System.out.println(i);
19                 //System.out.println(j);
20             }
21             System.out.println();
22         }
23     }
24 }
25
26 }
27
```

```
<terminated> Q9F [Java Application] C:\Users\DELL\OneDrive\Desktop\Day05\Q9F.java
1
2
2
3
3
3
3
4
```