

Determine the output.

<p>1.</p> <pre>public class Example1 { public static void main(String args[]) { int n = 5; int r = 2; n++; r--; n += r; // "/t" is a tab System.out.print("n = " + n + "\t" + "r = " + r); } }</pre>	<p>2.</p> <pre>public class Example2 { public static void main(String args[]) { int p = 3; int t = 2; p += 4; t *= 5; int count = 0; while(count < 4) { p--; t += p; count++; } System.out.print("p = " + p + "\t" + "t = " + t); } }</pre>
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<p>3.</p> <pre>public class Example3 { public static void main(String args[]) { int x = 22; int y = 5; double z = x/y; int num = 1; while (z > 0) { x -= 2; y++; if(x%y == 0) num = 0; z = x/y; num++; } if(z == 0) z = Math.PI; System.out.print("z = " + z + "\t" + "num = " + num); } }</pre>	<p>4.</p> <pre>public class Example4 { public static void main(String args[]) { int a = 2; int b = 3; int c = 1; int d = 5; int r = 5; while(r != a) { b += a; if(r == 1) b += 2; d += c; r = b / d; if(r <= 0) r = 1; } int q = b/r; System.out.print("q = " + q); } }</pre>
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5.

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public class Example5
{
    public static void main( String args[] )
    {
        boolean even = false;
        int n;
        int attempt = 1;
        String insult = "fatuous boor";
        while( !even )
        {
            System.out.print( "\nEnter an even number . . . " );
            n = SavitchIn.readLineInt();
            if( n%2 != 0 )
            {
                if( attempt > 1 )
                    System.out.println( "Wow, you really are an idiot. Try again." );
                else System.out.println( "You " + insult +
                    ". Don't you know what an even number is?" );
                attempt++;
            }
            else
            {
                even = true;
                System.out.print( "Good job, " + n + " is an even number." );
            }
        }
    }
}
```

OUTPUT:

1. n = 7 r = 1	2. p = 3 t = 28
3. x = 22 y = 5 z = 4.0 x = 20 y = 6 z = 3.0 num = 1 x = 18 y = 7 z = 2.0 num = 2 x = 16 y = 8 z = 2.0 num = 0 x = 14 y = 9 z = 1.0 num = 1 x = 12 y = 10 z = 1.0 num = 2 x = 10 y = 11 z = 0.0 num = 3 z = 3.141592653589793 num = 4	4. a = 2 b = 5 d = 6 r = 0 a = 2 b = 9 d = 7 r = 1 a = 2 b = 13 d = 8 r = 1 a = 2 b = 17 d = 9 r = 1 a = 2 b = 21 d = 10 r = 2 q = 10
5. Enter an even number . . . 5 You fatuous boor. Don't you know what an even number is? Enter an even number . . . 9 Wow, you really are an idiot. Try again. Enter an even number . . . 4 Good job, 4 is an even number.	