

### ◆ 1. Print "Hello, World"

```
public class HelloWorld {  
  
    public static void main(String[] args) {  
  
        System.out.println("Hello, World!");  
  
    }  
  
}
```

### ◆ 2. Add Two Numbers

```
public class AddNumbers {  
  
    public static void main(String[] args) {  
  
        int a = 10, b = 20;  
  
        int sum = a + b;  
  
        System.out.println("Sum: " + sum);  
  
    }  
  
}
```

### ◆ 3. Check Even or Odd

```
public class EvenOdd {  
  
    public static void main(String[] args) {  
  
        int num = 7;  
  
        if (num % 2 == 0)  
  
            System.out.println("Even");  
  
        else
```

```
        System.out.println("Odd");
    }
}
```

#### ◆ 4. Reverse a String

```
public class ReverseString {
    public static void main(String[] args) {
        String str = "Selenium";
        String rev = "";

        for (int i = str.length() - 1; i >= 0; i--) {
            rev = rev + str.charAt(i);
        }

        System.out.println("Reversed: " + rev);
    }
}
```

#### ◆ 5. Find Largest of Three Numbers

```
public class LargestNumber {
    public static void main(String[] args) {
        int a = 25, b = 78, c = 87;

        if (a > b && a > c)
            System.out.println("Largest: " + a);
        else if (b > c)
            System.out.println("Largest: " + b);
        else
```

```
        System.out.println("Largest: " + c);
    }
}
```

## ◆ 6. Print a Table of a Number

```
public class Table {

    public static void main(String[] args) {

        int num = 5;

        for (int i = 1; i <= 10; i++) {

            System.out.println(num + " x " + i + " = " + (num * i));

        }

    }

}
```

## ◆ 7. Count Vowels in a String

```
public class VowelCount {

    public static void main(String[] args) {

        String str = "Automation";

        int count = 0;

        for (int i = 0; i < str.length(); i++) {

            char ch = Character.toLowerCase(str.charAt(i));

            if (ch == 'a' || ch == 'e' || ch == 'i' || ch == 'o' || ch == 'u')

                count++;

        }

    }

}
```

```
        System.out.println("Vowels count: " + count);
    }
}
```

## ◆ 8. Check if String is Palindrome

```
public class Palindrome {

    public static void main(String[] args) {

        String str = "madam", rev = "";

        for (int i = str.length() - 1; i >= 0; i--) {

            rev = rev + str.charAt(i);

        }

        if (str.equals(rev))

            System.out.println("Palindrome");

        else

            System.out.println("Not Palindrome");

        }
}
```

## ◆ 9. Factorial of a Number

```
public class Factorial {

    public static void main(String[] args) {

        int num = 5, fact = 1;

        for (int i = 1; i <= num; i++) {

            fact *= i;
```

```
    }  
  
    System.out.println("Factorial: " + fact);  
  
}  
  
}
```

## ◆ 10. Fibonacci Series

```
public class Fibonacci {  
  
    public static void main(String[] args) {  
  
        int n = 10, a = 0, b = 1;  
  
        System.out.print(a + " " + b + " ");  
  
        for (int i = 2; i < n; i++) {  
  
            int next = a + b;  
  
            System.out.print(next + " ");  
  
            a = b;  
  
            b = next;  
  
        }  
  
    }  
  
}
```