1)

```java
import java.util.Scanner;

public class Main {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        int num1 = sc.nextInt();
        int num2 = sc.nextInt();
        int num3 = sc.nextInt();

        //System.out.println(Math.max(num1, Math.max(num2, num3)));

        if(num1 > num2 && num1 > num3)   {
            System.out.println(num1);
        }
        else if(num2 > num1 && num2 > num3)     {
            System.out.println(num2);
        }
        else     System.out.println(num3);
    }
}
```

2)

```java
import java.util.Scanner;

public class Main {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        int marks = sc.nextInt();
        char grade;
        switch(marks/10)        {
        case 10:
        case 9:
            grade = 'A';
            break;
        case 8:
            grade = 'B';
            break;
        case 7:
            grade = 'C';
```

```java
                        break;
                case 6:
                        grade = 'D';
                        break;
                default:
                        grade = 'F';
                }

                System.out.println(grade);
        }
}
```

3)

```java
import java.util.Scanner;

public class Main {
        public static void main(String[] args)  {
                Scanner sc = new Scanner(System.in);

                int n = sc.nextInt();

                for(int i=1; i<=10; i++) {
                        System.out.println(n + " x " + i + " = " + (n*i));
                }
        }
}
```

4)

```java
import java.util.Scanner;

public class Main {
        public static void main(String[] args)  {
                Scanner sc = new Scanner(System.in);

                System.out.println("Enter the key");
                int key = sc.nextInt();
                System.out.println("Enter the array size");
                int n = sc.nextInt();
                System.out.println("Enter the array values :");

                int[] arr = new int[n];
                for(int i=0; i<n; i++)    {
```

```java
                arr[i] = sc.nextInt();
            }

            int occurence = 0;
            for(int i=0; i<n; i++)    {
                    if(arr[i] == key){
                            if(++occurence == 2)  {
                                    System.out.println("Second occurence of the key is " + i);
                                    return;
                            }
                    }
            }
            if(occurence < 2)      System.out.println("-1");
        }
}
```

5)

```java
import java.util.Scanner;

public class Main {

        static boolean checkPrime(int n)       {

                if(n == 2)        return true;
                for(int i=2; i<n; i++)    {
                        if(n % i == 0)   return false;
                }
                return true;
        }

        public static void main(String[] args)  {
                Scanner sc = new Scanner(System.in);

                for(int i=2; i<=30; i++) {
                        if(checkPrime(i))        {
                                System.out.println(i);
                        }
                }

        }
}
```

6)

```java
import java.util.Scanner;

public class Main {
        public static void main(String[] args)  {
                Scanner sc = new Scanner(System.in);


                System.out.println("Enter the array size");
                int n = sc.nextInt();
                System.out.println("Enter the array values :");
                int evenSum = 0;

                int[] arr = new int[n];
                for(int i=0; i<n; i++)    {
                        arr[i] = sc.nextInt();
                }

                for(int i=0; i<n; i++)    {
                        if(arr[i] % 2 == 0)        evenSum += arr[i];
                        else continue;
                }

                System.out.println(evenSum);


        }
}
```