Java Fundamentals – Nipun Drayan

Q-1

```
import java.util.Collections;
import java.util.Scanner;
import java.util.Vector;
public class Question_1 {
  public static void main(String args[])
  {
    Scanner sc = new Scanner(System.in);
    int n = sc.nextInt();
    Vector<Integer> vec = new Vector<Integer>(n);
    for (int i = 0; i < n; i++) {
      vec.add(sc.nextInt());
    }
    System.out.println("Vectore before sorting : " + vec);
    Collections.sort(vec);
    System.out.println("Vector after sorting : " + vec);
  }
}
```

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```

Q2- Using "throw"

```
import java.util.Scanner;
public class Question_2 {
    static void find(int age)
    {
        if(age<18)
        {
            throw new ArithmeticException("No voter ID card");
        }
        else
        {
            System.out.println("Voter ID card should be made");
        }
    }
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int percentage = sc.nextInt();</pre>
```

```
find(percentage);
}
```

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```

Using "throws

```
import java.util.Scanner;
public class Question_2_2 {
   public static void main(String[] args) throws ArithmeticException {
        Scanner sc = new Scanner(System.in);
        int a = sc.nextInt();
        int b = sc.nextInt();
        System.out.println((a/b));
    }
}
```

