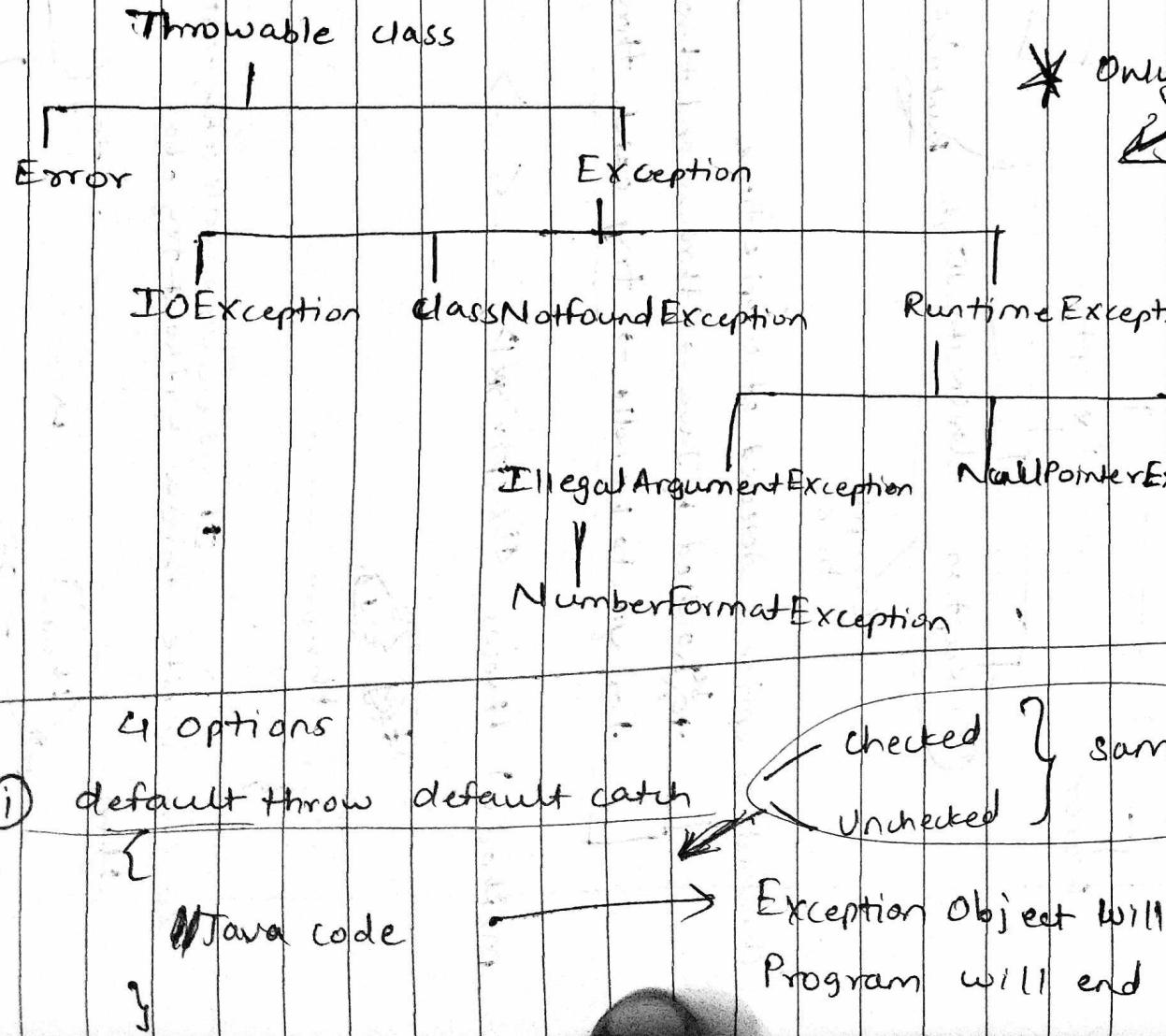


checked exception - detected at compile time
unchecked exception - compiler doesn't check
exception is predefined situation in Java

Sequence - 1. try
2. catch
3. finally
4. Java's default catch

when there's no try,
finally will work
multiple catch blocks
only one finally



i) default throw & our catch

```

try {
}
} catch (<exception-type> parameter) {
}
finally {
}

```

I guess, this option is not for checked exception because there's no throw here

iii) our throw & default catch

~~throw <throwableInstance> - of type Throwable class~~

~~unchecked exception~~

```

class {
    p.s.v.m() {
        int balance = 5000;
        int withdrawAmount = 10000;
        if (balance < withdrawAmount)
            throw new ArithmeticException("Insufficient balance");
        balance = balance - withdrawAmount;
    }
}

```

~~checked exception~~

```

class {
    p.s.v.main() throws IOException {
        throw new IOException();
    }
}

```

method() throws <ExceptionType1>,
 <ExceptionType2>

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Unchecked exception →

```

P.S.V.main() {
    try {
        throw new ArithmeticException("insufficient balance");
    }
    catch (ArithmaticException e) {
        System.out.println("Exception:" + e.getMessage());
    }
    System.out.println("Program continued");
}
  
```

Checked exception →

```

P.S.V.m.C() {
    try {
        throw new IOException();
    }
    catch (IOException e) {
        System.out.println("Exception:" + e.getMessage());
    }
}
  
```

Write the specific catches first & then the generic catch