

3. Write a Java Program to create an Exception called payout-of-bounds and throw the exception.

Algorithm:

Aim: Creating an Exception called payout-of-bounds and throw the exception.

Step No.	Instructions
1	Start
2	Declare 3 integer variables namely, a, b and c
3	Read 2 strings from keyboard using readLine() function
4	Convert the strings into integer using parseInt() method and store them into a and b respectively
5	Compute $c = b - a$
6	Check whether the value of c is greater than the value 32768 If the condition is true, raise the ArithmeticException error named PAY OUT BOUNDS using throw keyword
7	Save the Java code in the name of list4.java
8	Compile the Java code using javac
9	Run the Java code using java
10	Stop