

Write a code in java to handle the following unchecked exception

ArrayIndexOutOfBoundsException

Array index is out-of-bounds.

ArrayStoreException

Assignment to an array element of an incompatible type.

ClassCastException

Invalid cast.

IllegalArgumentException

Illegal argument used to invoke a method.

IndexOutOfBoundsException

Some type of index is out-of-bounds.

NegativeArraySizeException

Array created with a negative size.

NullPointerException

Invalid use of a null reference.

NumberFormatException

Invalid conversion of a string to a numeric format.

StringIndexOutOfBoundsException

Attempt to index outside the bounds of a string.

UnsupportedOperationException

An unsupported operation was encountered.

Write a code in java to handle the following checked exception

Use throws keyword for checked exception

ClassNotFoundException

IllegalAccessException

NoSuchFieldException

NoSuchMethodException

Modify the experiment compute CGPA using inheritance to handle

a) invalid marks exception

b) student not found exception