4.a Java program to demonstrate types of Exceptions

public class First

{

public static void main(String args[])

{

System.out.println("Exception1");

try{

int a=100/0;

}

catch(ArithmeticException e)

{ System.out.println(e); }

System.out.println("Exception2");

try{

int arr[ ]=new int[5];

arr[7]=60;

}

catch(ArrayIndexOutOfBoundsException e)

{ System.out.println(e); }

System.out.println("Exception3");

try

{

String s=null;

System.out.println(s.length());

}

catch (NullPointerException e)

{ System.out.println(e); }

System.out.println("Exception4");

try

{

String s="kiran";

int i=Integer.parseInt(s);

}

catch (NumberFormatException e)

{ System.out.println(e); }

System.out.println("Universal Exception");

try{

int a=100/0;

}

catch (Exception e)

{ System.out.println(e); }

finally

{

System.out.println("Univerasal or Generic Exception we can use for other types of exceptions also");

}

}

}