ArrayIndexOutOfBoundsException:-

int[] a={10,20,30};

System.out.println(a[0]);//10

System.out.println(a[3]);//ArrayIndexOutOfBoundsException

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NumberFormatException:-

String str="123";

int a=Integer.parseInt(str);

System.out.println(a);//conversion(string - int) is good

String str1="abc";

int b=Integer.parseInt(str1);

System.out.println(b);//NumberFormatException

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NullPointerException:-

String str="Brijesh"; System.out.println(str.length());//7

String str1=null;

System.out.println(str1.length());//NullPointerException

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ArithmeticException:-

int b=10/0; System.out.println(b);//ArithmeticExceptiom

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IllegalArgumentException:-

Thread t=new Thread();

t.setPriority(11);//IllegalArgumentException

IllegalThreadStateException:-

Thread t=new Thread();

t.start();

t.start();//IllegalThreadStateException

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StringIndexOutOfBoundsException:-

String str="Brijesh"; System.out.println(str.charAt(3));//j System.out.println(str.charAt(13));//StringIndexOutOfBoundsException

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NegativeArraySizeException:-

int[] a1=new int[100];

System.out.println(a1.length);//100

int[] a=new int[-9];

System.out.println(a.length);//NegativeArraySizeException

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InputMismatchException:-

Scanner s=new Scanner(System.in);

System.out.println("enter first number");