Program1

import java.util.Scanner;

public class Main

{

public static void main(String[] args) {

String input;//initialising input

Scanner sc=new Scanner(System.in);//scanner statement

System.out.println("Input : ");//printing input

input=sc.nextLine();

System.out.println("Output : ");//printing output

for(int i=0;i<args.length;i++)//for loop

{

try {

int a=Integer.parseInt(args[i]);//integer

System.out.println(a+" integer "+Integer.SIZE/8);//size of integer

}

catch(Exception e1)

{

try

{

System.out.println(Float.parseFloat(args[i])+" float/double "+Float.SIZE/8);//float

}

catch(Exception e)

{

if(args[i].length()==1)

{

System.out.println(args[i]+" char "+Character.SIZE/8);//character

}

else{

System.out.println(args[i]+" string "+args[i].length());//string

}

}

}

}

}

}

Input :

1 a Sss 4.563

Output :

1 integer 4

a char 2

Sss string 3

4.563 float/double 4