**Strings in Java**

**Assignments Questions**

**1. Write a simple String program to take input from user**

import java.util.Scanner;

public class stringAssignments{

    public static void main(String[] args){

        Scanner sc=new Scanner(System.in);

        String[] arr= new String[4];

        for(int i=0;i<4;i++){

            arr[i]=sc.nextLine();

        }

        for(String n:arr) System.out.println(n);

    }

}

**2. How do you concatenate two strings in Java? Give an example?**

We can concatenate two string using two ways :

* Using **+** operation
* Using **concat method**

import java.util.Scanner;

public class stringAssignments{

    public static void main(String[] args){

       String s1="Akash";

       String s2=" Kumar";

       s1=s1.concat(s2);

       System.out.println(s1); // s1= Akash Kumar

       s2=s1 + s2;

       System.out.println(s2); // s2= Akash Kumar Kumar

    }

}

**3. How do you find the length of a string in Java Explain with an example?**

There are two ways:-

* Write your own method
* Use inbuilt method

import java.util.Scanner;

public class stringAssignments{

    public static void main(String[] args){

       String s1="Akash Kumar";

       System.out.println(s1.length());

    }

}

**4. How do you compare two strings in Java? Give an Example**

Content of two string can be compared using **equals** method

import java.util.Scanner;

public class stringAssignments{

    public static void main(String[] args){

       String s1="Akash Kumar";

       String s2="Akash";

       String s3=" Kumar";

       System.out.println(s1.equals(s2)); //false

       System.out.println(s1.equals(s2+s3)); //true

    }

}

**5. Write a program to find the length of the string "refrigerator".**

import java.util.Scanner;

public class stringAssignments{

    public static void main(String[] args){

        String s1=new String("refrigerator");

        System.out.println(s1.length());

    }

}

**6. Write a program to check if the letter 'e' is present in the word 'Umbrella'.**

import java.util.Scanner;

public class stringAssignments{

    public static void main(String[] args){

       String s1="Umbrella";

       System.out.println(s1.contains("e")); //true

    }

}

**7. Write a program to delete all consonants from the string "Hello, have a good day".**

import java.util.Scanner;

public class stringAssignments{

    public static void main(String[] args){

      String s1 = "Hello, have a good day";

      String consonant = "([^aeiouAEIOU0-9, ]+)";

      System.out.println(s1.replaceAll(consonant,""));

    }

}

**Output**

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