MANEJO DE CADENAS CLASE VIRTUAL 23/10/2024

```java
public class cadenas4 {

   public static int cantidadv(String CAD){

      char c;

      int cv=0;

      for (int i = 0; i <CAD.length(); i++) {

        c=CAD.charAt(i);

        if (c=='a'||c=='e'||c=='i'||c=='o'||c=='u') {

           cv++;

        }

      }

      return cv;

}

   public static void remp(String CAD){

      char c;

      String cr=" ";

      int cv=0;

      for (int i = 0; i <CAD.length(); i++) {

        c=CAD.charAt(i);

        if (c=='a'||c=='e'||c=='i'||c=='o'||c=='u') {

          // cr=cr+".";

        }

        else cr=cr+c;

      }

      System.out.println("La cadena es:.."+cr);

   }

   public static int cantidadc(String CAD){

      char c;

      int cv=0;

      for (int i = 0; i <CAD.length(); i++) {

         c=CAD.charAt(i);
```

```java
        if (!(c=='a'||c=='e'||c=='i'||c=='o'||c=='u'||c==' ')) {

            cv++;

        }

    }

    return cv;

}

    public static String invertir(String CAD){

        char c;

        String ci="";

        for (int i = 0; i < CAD.length(); i++) {

            c=CAD.charAt(i);

            ci=c+ci;

        }

        return ci;

    }

    public static void palindrome(String CAD){

        String C="";

        C=invertir(CAD);

        if (CAD.equals(C)) {

            System.out.println("Es Palindrome");

        }

        else System.out.println("No es Palindrome");

    }

    public static void desmenuza(String C){

        for (int i = 0; i < C.length(); i++) {

            System.out.println(""+C.charAt(i));

        }

    }

    public static void eliminae(String C){

        char ca;

        String CAD="";
```

```java
        for (int i = 0; i < C.length(); i++) {

            ca=C.charAt(i);

            if (ca!=' ') {

                CAD+=ca;

            }

        }

        System.out.println(""+CAD);

    }

    public static void divide(String C){

        String c1,c2;

        int x=C.length();

        c1=C.substring(0, x/2);

        c2=C.substring(x/2);

        System.out.println(""+c1);

        System.out.println(""+c2);

    }
    //dividir una cadena por palabras
    public static void dividep(String C){

        String[] a=C.split(" ");

        int x=a.length;

        for (int i = 0; i < x; i++) {

            System.out.println(a[i]+":."+a[i].length());

        }

    }


    public static void main(String[] args) {

        String CAD="",CAD1;

        int cv=0,cc=0;

        char c;

        Scanner lee= new Scanner(System.in);

        System.out.println("Ingresar una Cadena");
```

```java
        CAD=lee.nextLine();

        CAD=CAD.toLowerCase();

        cv=cantidadv(CAD);

        cc=cantidadc(CAD);

        remp(CAD);

        System.out.println("Cantidad vocales:."+cv);

        System.out.println("Cantidad consonantes:."+cc);

          dividep(CAD);


    }


}
```