1. Write a Simple String program to take input from User..

Answer:

1. /\* Write a Simple String program to take input from User.  \*/
2. import java.util.Scanner;
3. public class s12 {
4. public static void main(String[] args) {
6. Scanner obj = new Scanner(System.in);
7. System.out.print("Enter your Name=> ");
8. String s1=obj.nextLine();
9. System.out.println("You Name is => "+" "+s1);

12. }
14. }

Output:

Enter your Name=> Sandeep

You Name is => Sandeep

2. How do we concatenate two string in Java? Give an Example.

Answer:

/\* Concatenate two Strings in Java  \*/

import java.util.Scanner;

public class s12 {

    public static void main(String[] args) {

      String s1= "Sandeep";

      String s2= "Priyanka";

      String s3= s1+s2;

      System.out.println(s3);   //concatenate using +

      String s4= "PwSkill";

        s4=s4.concat("Student");   //using contact methods.

      System.out.println(s4);

    }

}

Output:

SandeepPriyanka

PwSkillStudent

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

Answer: use use length method.

public int length()

It returns the no of characters present in the String.

Example:

/\* Length of a string  \*/

import java.util.Scanner;

public class s12 {

    public static void main(String[] args) {

      String s1= "Sandeep";

      System.out.println("Length of a string is =>"+s1.length());

    }

}

Output: Length of a string is =>7

4. How do you compare two string in Java? Give an example.

Answer:

To compare 2 String5 in java we use following approach

a. == operator

It compare the reference of the object.

b. equals()

It compare the content of the two objects.

Example:

/\* Comparison of string  \*/

import java.util.Scanner;

public class s12 {

    public static void main(String[] args) {

      String s1= "Sandeep";

      String S2= "Shinde";

      System.out.println(s1==S2);

      System.out.println(s1.equals(S2));

      String s3= "PWSKILL";

      String s4= new String("PWSKILL");

      System.out.println(s3==s4);

      System.out.println(s3.equals(s4));

    }

Output:

false

false

false

true

5. Write a program to find the length of the string “refrigerator”.

Answer:

/\* Write a program to find the length of the string “refrigerator”.  \*/

import java.util.Scanner;

public class s12 {

    public static void main(String[] args) {

      String s1= "refrigerator";

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

    }

}

6. Write a program to check if the letter ‘e’ is present in the world ‘Umbrella’.

Answer:

/\* Write a program to check if the letter ‘e’ is present in the world ‘Umbrella’  \*/

import java.util.Scanner;

public class s12 {

    public static void main(String[] args) {

      String s1= "Umbrella";

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

    }

}

7. Write a program to delete all consonants from the strong “Hello, Have a good day”.

import java.util.\*;

class s12 {

  static boolean isAlphabet(char ch)

  {

      if (ch >= 'a' && ch <= 'z')

          return true;

      if (ch >= 'A' && ch <= 'Z')

          return true;

      return false;

  }

  static String remconst(String str)

  {

    Character  vowls[]  = {'a','e','i','o','u','A','E','I','O','U'};

    List<Character> al = Arrays.asList(vowls);

        StringBuffer sb = new StringBuffer(str);

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

            if (isAlphabet(sb.charAt(i))

                && !al.contains(sb.charAt(i))) {

                sb.replace(i, i + 1, "");

                i--;

            }

        }

        return sb.toString();

  }

  public static void main(String[] args) {

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

    System.out.println(remconst(str));

  }

}

OutPut:

eo, ae a oo a