1)ans:-

import java.util.Scanner;

public class ass1 {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.println("enter a string : ");

        String s=sc.nextLine();

        System.out.println("you entered : "+s);

    }

}

Output:-

PS D:\JAVA\PROGRAMS> cd "d:\JAVA\PROGRAMS\" ; if ($?) { javac ass1.java } ; if ($?) { java ass1 }

enter a string :

Ashutosh

you entered : Ashutosh

2)ans:-

We can concatenate two strings using .concat() method.

Example:-

public class ass1 {

    public static void main(String[] args) {

        String s1="Ashutosh";

        String s2=" Swain";

        String s3=s1.concat(s2);

        System.out.println(s3);

    }

}

Output:-

PS D:\JAVA\PROGRAMS> cd "d:\JAVA\PROGRAMS\" ; if ($?) { javac ass1.java } ; if ($?) { java ass1 }

Ashutosh Swain

3)Ans:-

We find the length of a string using a method length().

Example:-

public class ass1 {

    public static void main(String[] args) {

        String s1="Ashutosh";

        System.out.println(s1.length()); //it prints the length of the string s1

    }

}

Output:-

PS D:\JAVA\PROGRAMS> cd "d:\JAVA\PROGRAMS\" ; if ($?) { javac ass1.java } ; if ($?) { java ass1 }

8

4)ans:-

We can compare two strings using equals() method and == operator.

Example:-

public class ass1 {

    public static void main(String[] args) {

        String s1="Ashutosh";

        String s2="Ashutosh";

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

        System.out.println(s1==s2);

    }

}

Output:-

PS D:\JAVA\PROGRAMS> cd "d:\JAVA\PROGRAMS\" ; if ($?) { javac ass1.java } ; if ($?) { java ass1 }

true

true

5)ans:-

public class ass1 {

    public static void main(String[] args) {

        String s1="refrigerator";

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

    }

}

Output:-

12

6)ans:-

public class ass1 {

    public static void main(String[] args) {

        String s1="Umbrella";

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

    }

}

Output:-

True

7)ans:-

public class ass1 {

    public static void main(String[] args) {

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

        for(int i=0;i<s1.length();i++){

            char ind=s1.charAt(i);

            if(ind=='a'||ind=='e'||ind=='i'||ind=='o'||ind=='u'||ind ==',')

            s1=s1.replace(ind, ind);

            else

            s1=s1.replace(ind, ' ');

        }

        System.out.println(s1);

    }

}

Output:-

e o, a e a oo a