1)write a program in java to split a name.

Program :

```
package com.tech.prgm;

import java.util.Scanner;

class name {

        public static void main(String[] args) {

                Scanner sc = new Scanner(System.in);
                //Accept a name from the use
                System.out.println("enter your full name like surname.name format :");
                String myname = sc.nextLine();
                //splitting a name by using dot
                String[] parts = myname.split("\\.");
                System.out.println("surname is : "+parts[0]);
                System.out.println("Actual name  is : "+parts[1]);



        }

}
```

out put :

enter your full name like surname.name format :

Mandla.kavya

surname is : Mandla

Actual name is : kavya

2) write a java program to accept an email I.D & print the name , the email app and extension.

<u>Program :</u>

```java
package com.tech.prgm;

import java.util.Scanner;

public class E_mail{

    public static void main(String[] args) {
        Scanner sc= new Scanner(System.in);

        // Accept the email ID from the user
        System.out.print("Enter your email ID: ");
        String email = sc.nextLine();

        // Split the email ID into the name and domain parts
        String[] parts = email.split("@");
        if (parts.length != 2) {
            System.out.println("Invalid email ID.");
            return;
        }

        String name = parts[0];
        String[] domainParts = parts[1].split("\\.");
        if (domainParts.length != 2) {
            System.out.println("Invalid email ID.");
            return;
        }

        String app = domainParts[0];
        String extension = domainParts[1];
```

```java
            // Printing  the output

            System.out.println("Name: " + name);

            System.out.println("Email App: " + app);

            System.out.println("Extension: " + extension);

        }


    }
```

Out put :

Enter your email ID: kavi@gmail.com

Name: kavi

Email App: gmail

Extension: com

3) write a java program to accept the address of a website and print the browser's name and extention.

Program :

```java
package com.tech.prgm;

import java.util.Scanner;

public class web_demo {

        public static void main(String[] args) {

            Scanner sc = new Scanner(System.in);


            // Accept the website address from the user

            System.out.print("Enter the website address: ");

            String website = sc.nextLine();


            // Remove "www." prefix if it exists
```

```java
        if (website.startsWith("www.")) {

            website = website.substring(4);

        }


        // Spliting  the website address into name and extension

        String[] parts = website.split("\\.");

        if (parts.length != 2) {

            System.out.println("Invalid website address.");

            return;

        }


        String browserName = parts[0];

        String extension = parts[1];


        // Pring the output

        System.out.println("Browser Name: " + browserName);

        System.out.println("Extension: " + extension);

    }

}
```

Out put :

Enter the website address: www.w3Schools.com

Browser Name: w3Schools

Extension: com