

Q2. Explain String class compareTo() method in java programming?

Ans: It is used to compare two strings in alphabetically order ()

Syntax:

```
int compareTo(String)
```

Example:

```
String s1="A";
```

```
String s2="a";
```

Returning value of CompareTo method

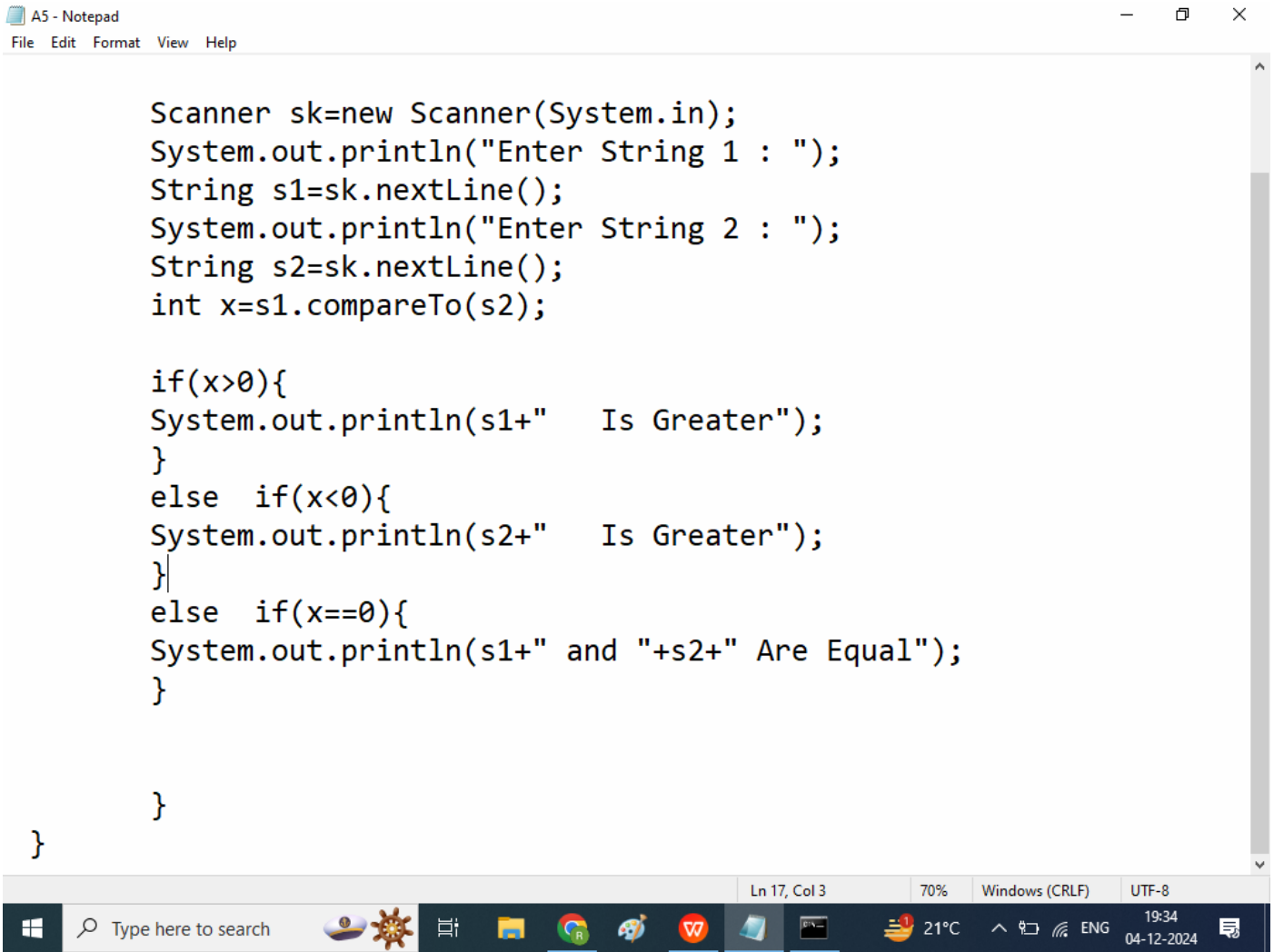
1. Return Positive Value if S1 greater than s2
2. Return Negative Value if S1 less than s2
3. Return Zero if Both String are equal

```
class A5{
    public static void main(String args[]){
        String s1="HELLO";//97
        String s2="HELLO";//97
        int x=s1.compareTo(s2);
        System.out.println(x);
    }
}
```

Q2. Write a java program to check which one String is greater on the basis order of the character?

Enter String 1: naman

Enter String 2: madam



A screenshot of a Notepad window titled 'A5 - Notepad'. The window contains Java code for comparing two strings. The code uses a Scanner to read two strings from the user, compares them using compareTo(), and prints the result. The status bar at the bottom shows 'Ln 17, Col 3', '70%', 'Windows (CRLF)', and 'UTF-8'. The Windows taskbar is visible at the bottom of the screen.

```
Scanner sk=new Scanner(System.in);
System.out.println("Enter String 1 : ");
String s1=sk.nextLine();
System.out.println("Enter String 2 : ");
String s2=sk.nextLine();
int x=s1.compareTo(s2);

if(x>0){
System.out.println(s1+"    Is Greater");
}
else if(x<0){
System.out.println(s2+"    Is Greater");
}
else if(x==0){
System.out.println(s1+" and "+s2+" Are Equal");
}

}
```

Q2. Explain String class concat() method?

Ans: It is used to combine two string

Syntax:

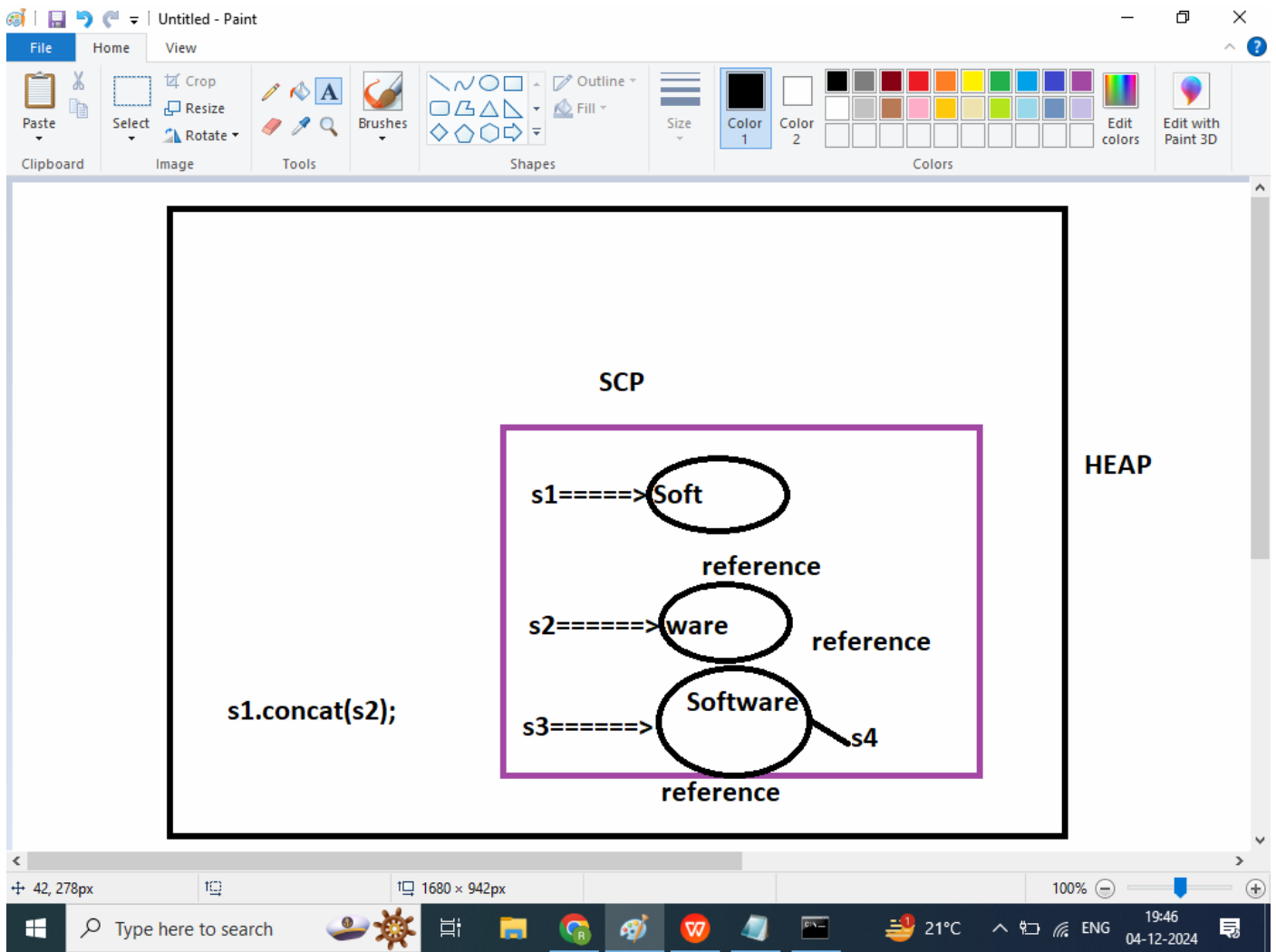
String concat(String)

Example:

String s1="Soft";

String s2="ware";

String s3=s1.concat(s2);//Software



```
class A5{  
    public static void main(String args[]){  
  
        String s1="Soft";  
        String s2="ware";  
        String s3=s1+s2;  
        String s4="Software";  
        System.out.println(s1);  
        System.out.println(s2);  
        System.out.println(s3);  
        System.out.println(s4);  
        System.out.println(s3==s4);  
        System.out.println(s3.compareTo(s4)==0);//true  
  
    }  
}
```

Ln 15, Col 1

70%

Windows (CRLF)

UTF-8

Windows logo icon Type here to search



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19:57
04-12-2024



Homework:

Q2. What is difference between concat method and + Operators?
