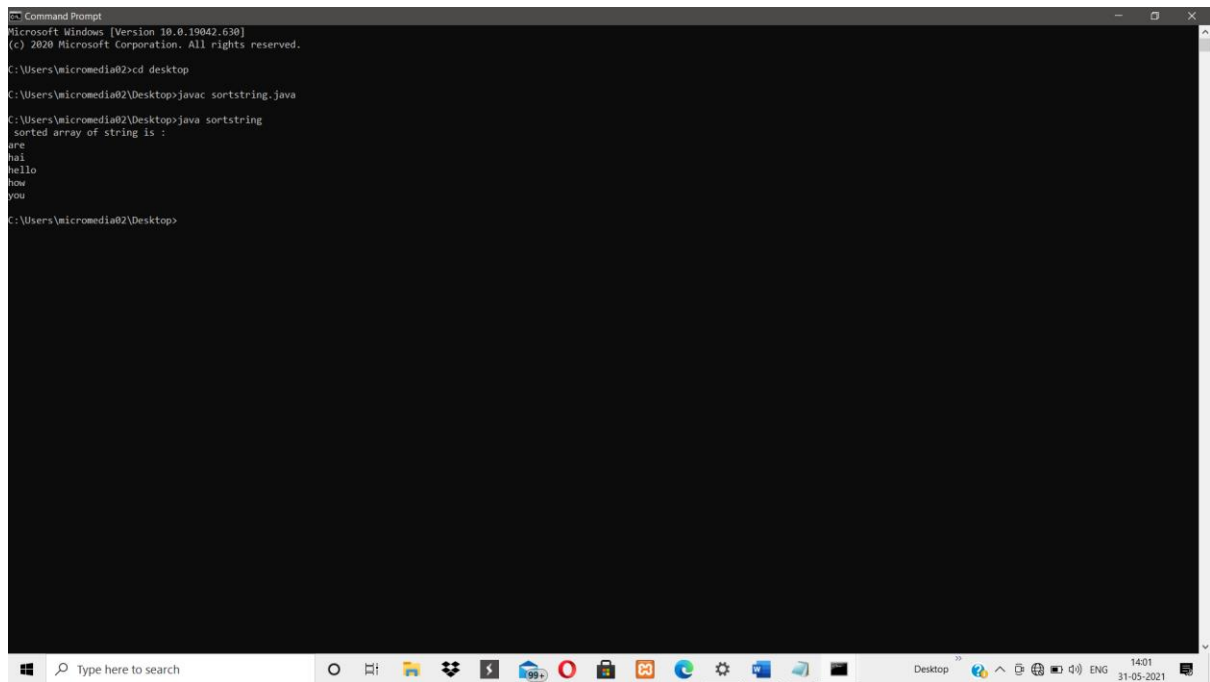


Co2

1.program to sort strings

```
public class sortstring{
    public static void main(String[] args)
    {
        String names[]={"hai","hello","how","are","you"};
        String temp;
        int n= names.length;
        int i;
        int j;
        for(i=0;i<n;i++)
        {
            for(j=i+1;j<n;j++)
            {
                if(names[i].compareTo(names[j])>0)
                {
                    temp=names[i];
                    names[i]=names[j];
                    names[j]=temp;
                }
            }
        }
        System.out.println(" sorted array of string is :");
        for(i=0;i<n;i++)
        {
            System.out.println(names[i]);
        }
    }
}
```



```
Command Prompt
Microsoft Windows [Version 10.0.19042.638]
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C:\Users\micromedia02>cd desktop
C:\Users\micromedia02\Desktop>javac sortstring.java
C:\Users\micromedia02\Desktop>java sortstring
sorted array of string is :
are
hai
hello
how
you
C:\Users\micromedia02\Desktop>
```

2.search an element in an array

```
import java.util.*;

public class search{

public static void main(String[] args)

{

int n,i,b,flag=0;

Scanner s=new Scanner(System.in);

System.out.println("enter the number of elements for the array :");

n=s.nextInt();

int a[]=new int[n];

System.out.println("enter the elements of the array :");

for(i=0;i<n;i++)

{

a[i]=s.nextInt();

}
```

```
System.out.println("enter the element want to search :");  
  
b=s.nextInt();  
  
for(i=0;i<n;i++)  
{  
    if(a[i]==b)  
    {  
        flag=1;  
        break;  
    }  
    else  
    {  
        flag=0;  
    }  
}  
  
if(flag==1)  
{  
    System.out.println("element found at position :"+(i+1));  
}  
else  
{  
    System.out.println("element not found");  
}  
}
```

```
Command Prompt
Microsoft Windows [Version 10.0.19042.630]
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C:\Users\micromedia02>cd desktop
C:\Users\micromedia02\Desktop>javac searchele.java
C:\Users\micromedia02\Desktop>java searchele
enter the number of elements for the array :
5
enter the elements of the array :
5
1
2
5
6
enter the element u want to search :
0
element not found
C:\Users\micromedia02\Desktop>
```

3.perform string manipulations

```
public class Sample_String{

    public static void main(String[] args){

        String str_Sample = "spiderman";

        System.out.println("Length of String: " + str_Sample.length());

        System.out.println("Character at position 4: " + str_Sample.charAt(4));

        System.out.println("EndsWith character 'l': " + str_Sample.endsWith("l"));

        System.out.println("Replace 'spider' with 'thor': " + str_Sample.replace("spider", "thor"));

    }
}
```

```
Command Prompt
Microsoft Windows [Version 10.0.19042.630]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Users\micromedia02>cd desktop
C:\Users\micromedia02\Desktop>javac Sample_String.java
C:\Users\micromedia02\Desktop>java Sample_String
Length of String: 9
Character at position 4: e
EndsWith character 'l': false
Replace 'spider' with 'thor': thorman
C:\Users\micromedia02\Desktop>
```