

Interview question and answer: -

Swap two string without using third variable

```
String s1="hello";
String s2="kerry";
System.out.println("s1 =" +s1);
System.out.println("s2 =" +s2);

s1=s1+s2;
int len=s1.length();
s2=s1.substring(0,len-s2.length());
s1=s1.substring(s2.length());
System.out.println("s1= " +s1+" s2="+s2);
```

Second highest number and largest number in the array

```
int arr[] = { 10, 80, 32, 40, 500 };

System.out.println("pelese enter your number:=");
Scanner src= new Scanner(System.in);
int k=src.nextInt();

int len = arr.length;
for (int x = 0; x < len; x++)
{
    for (int y = x + 1; y < len; y++)
    {
        if (arr[x] < arr[y])
        {
            int temp;
            temp = arr[y];
            arr[y] = arr[x];
            arr[x] = temp;
        }
    }
    if(x==k-1)
    {
        System.out.println(arr[x]);
    }
}
for (int l : arr)
{
    System.out.println(l);
}
```

23. Print all alphabet using for loop Program in java class Alphabets

```
char ch;  
for( ch = 'a' ; ch <= 'z' ; ch++ )  
{  
    System.out.println(ch);  
}
```

Reverse the String

```
String s1="hello sir i am here to give the interview";  
  
String s3[]=s1.split("\\s");  
for(String k: s3)  
{  
    System.out.print(k+" ");  
}  
System.out.println("\n");  
int l=s3.length;  
  
String ss=" ";  
for(int x=l-1;x>=0;x--)  
{  
    System.out.print(s3[x]+" ");  
}
```

String lower case

```
String s1="TECHNOLAMROR by RajendralamrOR HELLO stRING";  
String s1lower=s1.toLowerCase();  
System.out.println(s1lower);  
System.out.println(s1.hashCode());  
System.out.println(s1lower.hashCode());
```

Current Data

```
long millis=System.currentTimeMillis();  
java.sql.Date date=new java.sql.Date(millis);  
System.out.println(date);
```

LocalHost for

```
import java.net.InetAddress;
```

```
System.out.println(InetAddress.getLocalHost());
```

Notepad open

```
Runtime rs = Runtime.getRuntime();  
rs.exec("notepad");
```

REMOVE THE Duplicate value form the String

```
String s1="hello mama";
System.out.println(s1);
String s2="";
for(int x=0;x<s1.length();x++)
{
    //indexOf() if charater is not in the string it return -1
    // char ch=s1.charAt(x);

    System.out.println(s1.charAt(x));
    if(s2.indexOf(s1.charAt(x))!=-1)
    {
        s2+=s1.charAt(x);
    }
}

System.out.println(s2);
```

2. Custom Exception

```
class insu2fficient extends Exception
{
    public insu2fficient(String d)
    {
        super(d);
    }
}

class Plk
{
    public void kaka(long a,long w) throws insu2fficient
    {
        if (w>a)
        {
            throw new insu2fficient("low balance.....");
        }
        else
        {
            System.out.println("reaming data..is"+(a-w));
        }
    }

    public static void main(String args[])
    {
        Plk f1=new Plk();
        long amount =6000;
        long withdraw=7000;
        try
        {
            f1.kaka(amount,withdraw);
        }
    }
}
```

```

        catch (Insufficient e)
        {
            System.out.println(e);
        }
    }
}

```

Find out smallest and largest number in a given Array?

```

import java.util.*;

public class InterviewBit{
    public static void main(String args[]) {

        int[] inputArray = {10,20, 22, 30, 77};
        int largest = inputArray[0];
        int smallest = inputArray[0];

        for( int number : inputArray ) {
            if(number > largest) {
                largest = number;
            }
            else if (smallest > number) {
                smallest = number;
            }
        }

        System.out.println("Largest and Smallest numbers are "
                           + largest + " " + smallest);
    }
}

```

←----- Remove the Duplicates from the Arrays -----

```

int arr[]={1,2,2,1,3,3};

List<Integer>l1=new ArrayList<>();
for(int x=0;x<arr.length;x++)
{
    int data=arr[x];
    if(!(l1.contains(data))

```

```

{
    l1.add(data);
}
}
System.out.println(l1);

```

←----- ex.

1. array data -> { 1,2,3,4,5,6,7,8,9,0}

2. expected data ->{1,3,5,7,9,2,4,6,8,0}

```

int arr[]={1,2,3,4,5,6,7,8,9,0};
int len=arr.length;
int a[]=new int[len];
int data=0;
for(int i=0;i<len;i++)
{
    if(arr[i]%2!=0)
    {
        a[data]=arr[i];
        data++;
    }
}
for(int i=0;i<len;i++)
{
    if(arr[i]%2==0)
    {
        a[data]=arr[i];
        data++;
    }
}
for(int k:a)
{
    System.out.print(k+" ");
}

```

←-----

Reverse the String without use temp variable in the given program

```

String s1="sumit patidar";
System.out.println(s1);

int len=s1.length();
for(int x=len-1;x>=0;x--)
{
    s1+=s1.charAt(x);
}
//here s1=sumit patidar raditap timus

```

```
s1=s1.substring(len);  
System.out.println(s1);
```

←-----

Take one array and add the value in existing one array

```
Scanner src=new Scanner(System.in);  
int arr[]={12,3,4,5,3};  
int len=arr.length;  
int arr2[]=new int[10];//n number can we take here  
for(int x=0;x<10;x++)  
{  
    if(x<len)  
    {  
        arr2[x]=arr[x];  
    }  
    else  
    {  
        System.out.println("enter yor:=");  
        int data=src.nextInt();  
        arr2[x]=data;  
    }  
}  
for(int x:arr2)  
{  
    System.out.print(x+" ");  
}
```