```java
//arrays and strings


//Print all elements of array
int[] arr = {2,4,6,8,10};
for(int i=0; i<arr.length; i++){
System.out.println(arr[i]);
}




//Sum of array elements
int sum =0;
for(int i=0; i<arr.length; i++){
sum += arr[i];
}
System.out.println("Sum" + sum);
//sum = 30
```

```java
//Reverse a string

String str="hello" ;  // reverse this =olleh

String rev="";

for(int i=str.length()-1; i>=0; i--){

rev += str.charAt(i);


}

System.out.println("Reversed =" +rev);
```

```java
// check palindrome String (reads same forward and backward)

String str="level";

String rev="";


for(int i=str.length()-1; i>=0; i--){

rev += str.charAt(i);

}

//check palindrome

if(str.equals(rev)){

System.out.println(str + "is palindrome ");


} else {

System.out.println(str + "is not palindrome ");

}
```

.// madam is palindrome

//Create an array {1, 3, 5, 7, 9} ▯ print even numbers only

```java
int[] arr  = {1, 3, 5, 7, 9};

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

if(arr[i] % 2 == 0){

System.out.println("even no. " arr[i]);

}else{

System.out.println("No even no. array ");

}

}
```

//String "Java" ▯ print each character on a new line

// I use the charAt() method to access each character

```java
// of a string using a loop.
String str ="Java";
for(int i=0; i<str.length();i++){
System.out.println(str.charAt(i));
}
J
a
v
a
```