Interview Code QA :

1 - Write Program to check if string is palindrome

2 - Write Program to reverse a String and return it

3 - Write Program to swap 2 numbers. [ Example : Input a = 5, b = 3, Output - a = 3, b = 5 ]

4 - Write a program to Input a String and Character. And then find the number of times the

character is present in String . [ Example : String = "Test" , Character = "t" , Output = 2]

5 - Write a program to Input an array and output is reverse of Array.

[ a= [ 1, 2, 3, 4 ] , Output is [ 4, 3, 2, 1 ]

------------------------------------------ANSWER----------------------------------------

2 .Write Program to reverse a String and return it

Answer- Reverse the string

**package** Java\_com.String;  
**public class** SauravstrR {  
 **public** String reverse(){  
 String rev = **" "**;  
 **char** X;  
 String str= **" saurav"**;  
 System.***out***.println(**"Original string: "**+str);  
 **for**(**int** i=1;i<str.length();i++){  
 X = str.charAt(i);  
 rev=X+rev;  
 }  
 System.***out***.println(**"The reverse String is: "**+rev);  
 **return** rev;  
 }  
 **public static void** main(String [] args){  
 SauravstrR result = **new** SauravstrR();  
 result.reverse();  
 }  
}

5. Write a program to Input an array and output is reverse of Array.

Answer –

**package** Java\_com.Array;  
**public class** Arrayreverse {  
 **public static void** main(String[] args) {  
  
 *// Print the original value* **int**[] arvreverse = **new int**[]{1, 2, 3, 4, 5, 6};  
 System.***out***.println(**"The original array"**);  
 **for** (**int** i = 0; i < arvreverse.**length**; i++) {  
 System.***out***.print(arvreverse[i] + **" "**);  
 }  
 *// ptinting the vslue* System.***out***.println();  
  
 *//print array starting from last element* System.***out***.println(**"Original Array printed in reverse order:"**);  
 **for** (**int** i = arvreverse.**length** - 1; i >= 0; i--) {  
 System.***out***.print(arvreverse[i] + **" "**);  
 }  
 }  
}

3. Write Program to swap 2 numbers. [ Example : Input a = 5, b = 3, Output - a = 3, b = 5 ]

Answer –

**package** Java\_com.Interview;  
**public class** SWAP {  
 **public void** swapp(**int** a, **int** b) {  
  
 System.***out***.println(**"The Value of a & b is before swapping :"**+a + **""** + **"”+b);**

**int c;**

c = b - a;  
 b=c;  
 a=c+b;  
 System.***out***.println(**"The value of a after swap is :"**+a);  
 System.***out***.println(**"The Value of b after swap is :"**+b);  
 }  
 **public static void** main(String[] args){  
 SWAP ob = **new** SWAP();  
 ob.swapp(10, 20);  
 }  
}