

Programming Test Results (With Test Cases)

Result Summary

Field	Value
Test ID	41151
Student ID	29196
Programs (with test cases)	6
Total Test Cases	20
Test Cases Passed	20
Fully Passed Programs	6
Partially Passed Programs	0
Failed Programs	0
Overall % (with test cases)	100.00%
Grade	Outstanding

Programs With Test Cases

#	Program Name	Total TC	Passed	Success Rate	Score /10	Submitted At	Attempts
1	RemoveCharacter	4	4	100.0%	10	11/25/2025, 10:45:33 PM	0
2	Sort the Characters of a String	3	3	100.0%	10	11/25/2025, 9:59:03 PM	0
3	Count Occurrence of a Given Character	3	3	100.0%	10	11/25/2025, 9:38:44 PM	0
4	Check Whether a String Contains Any Vowel	4	4	100.0%	10	11/25/2025, 7:38:03 PM	0
5	Print Duplicate Characters and Their Count	3	3	100.0%	10	11/25/2025, 12:40:46 PM	0
6	Reverse a String	3	3	100.0%	10	11/25/2025, 11:44:38 AM	0

Program 1: RemoveCharacter

Languages: java

Score (010): 10 / 10

Test Case Summary: Total: 4 Passed: 4
Failed: 0 Success: 100.0%

Attempts: 0

Submitted At: 11/25/2025, 10:45:33 PM

Description: Remove All Occurrences of a Character

Specifications:

Class Name: RemoveCharacter

Attributes:

String inputString

char removeChar

Method:

```
public String deleteOccurrences(String inputString, char removeChar)
```

Removes all occurrences of removeChar from inputString and returns the result.

Main Method: Create an object of RemoveCharacter, call deleteOccurrences() with user input, and print result.

Description: Delete all instances of a specified character from the string.

Input Rule: While taking input from the user, do not use the nextLine() method; use the next() method.

Constraints: -

Sample Input: abracadabra a

Sample Output: brcdbr

Explanation: -

Solution Code

```

void main(){
    String str=IO.readLine();

    char ch=IO.readLine().charAt(0);
    StringBuffer result=new StringBuffer();
    for(char c:str.toCharArray()){
        if(c!=ch){
            result.append(c);
        }
    }
    if(result.length()>0)
        IO.println(result);
    else
        IO.println("empty");
}

```

Program 2: Sort the Characters of a String

Languages: Java

Score (010): 10 / 10

Test Case Summary: Total: 3 Passed: 3
Failed: 0 Success: 100.0%

Attempts: 0

Submitted At: 11/25/2025, 9:59:03 PM

Description: Write a Java program to take a String as input and print the characters in sorted (ascending alphabetical) order.

Constraints: -

Sample Input: A single String (no numbers, no special symbols).

Sample Output: The sorted String.

Explanation: -

Solution Code

```

void main(){
    String str=IO.readLine();
    char ch[]=str.toCharArray();
    for(int i=0;i<ch.length;i++){
        for(int j=i+1;j<ch.length;j++){

```

```

        if(ch[i]>ch[j]){
            char temp=ch[i];
            ch[i]=ch[j];
            ch[j]=temp;
        }
    }
}
IO.print(new String(ch));
}

```

Program 3: Count Occurrence of a Given Character

Languages:	Java		
Score (010):	10 / 10		
Test Case Summary:	Total: 3	Passed: 3	
	Failed: 0	Success: 100.0%	
Attempts:	0		
Submitted At:	11/25/2025, 9:38:44 PM		
Description:	Write a program to count how many times a specific character appears in a String.		
	Input Format		
	String		
	Character to count		
	Output Format		
	Total count of occurrences		
Constraints:	-		
Sample Input:	banana		
Sample Output:	a = 3		
Explanation:	-		

Solution Code

```

void main(){
String str=IO.readLine().toLowerCase();
char ch=IO.readLine().charAt(0);
int count=0;

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

```

```

        if(str.charAt(i)==ch){
            count++;
        }
    }
    IO.println("Occurrence of '"+ch+"' = "+count);
}

```

Program 4: Check Whether a String Contains Any Vowel

Languages: Java

Score (010): 10 / 10

Test Case Summary:

Total: 4	Passed: 4
Failed: 0	Success: 100.0%

Attempts: 0

Submitted At: 11/25/2025, 7:38:03 PM

Description: Write a Java program to check whether the given String contains any vowel (a, e, i, o, u).

Constraints: -

Sample Input: A single string

Sample Output: "Contains vowels" or "No vowels found"

Explanation: -

Solution Code

```

void main(){
    String str=IO.readLine();
    boolean isvowel=false;
    for(char c:str.toLowerCase().toCharArray()){
        if(c=='a' || c=='e' || c=='o' || c=='i' || c=='u'){

            IO.println("Contains vowels");
            isvowel=true;
            break;

        }
    }
    for(char c:str.toLowerCase().toCharArray()){
        if(!(c>='a') || !(c<='z')){
            IO.println("No letters");

```

```

        System.exit(0);
    }
}
if(isvowel==false){
    IO.println("No vowels found");
}
}

```

Program 5: Print Duplicate Characters and Their Count

Languages:	Java
Score (010):	10 / 10
Test Case Summary:	<div>Total: 3</div> <div>Failed: 0</div> <div>Passed: 3</div> <div>Success: 100.0%</div>
Attempts:	0
Submitted At:	11/25/2025, 12:40:46 PM
Description:	<p>Write a Java program to find:</p> <p>All duplicate characters</p> <p>Count how many duplicate characters are present</p> <p>Ignore spaces. Consider only characters.</p> <p>Input Format</p> <p>-----</p> <p>A single String containing characters.</p> <p>Output Format</p> <p>-----</p> <p>Each duplicate character with its count</p> <p>If no duplicates show appropriate message</p>
Constraints:	-
Sample Input:	programming
Sample Output:	g 2 r 2 m 2

Explanation: -

Solution Code

```
void main()
{
String str=IO.readLine();
char []ch = str.toCharArray();

IO.println("Duplicate Characters:" );
for(int i=0;i<ch.length;i++)

{
    int count=1;
    for(int j=i+1;j<ch.length; j++)
    {
        if(ch[i]==ch[j]&& ch[i]!=' '){
            {
                count++;
                ch[j]=' ';
            }
        }
    }

    if(count>=2)
        IO.println(ch[i]+ " = "+count);
}

}
```

Program 6: Reverse a String

Languages: Java

Score (010): 10 / 10

Test Case Summary:	Total: 3	Passed: 3
	Failed: 0	Success: 100.0%

Attempts: 0

Submitted At: 11/25/2025, 11:44:38 AM

Description:

Write a program to print the reverse of a given String.

The program should take a String as input and display the reversed version of that String.

Input Format

A single String.

Output Format

The reversed String.

Constraints:

-

Sample Input:

hello

Sample Output:

olleh

Explanation:

-

Solution Code

```
void main()  
{  
    String str=IO.readLine();  
    IO.print("Reversed String: ");  
  
    for(int i=str.length()-1;i>=0; i--)  
    {  
        IO.print(str.charAt(i));  
    }  
  
}
```