

Exercise -1

Q1. Write a program to replace a substring inside a string with other string ?

Ans : ss



```
Question1 x
/home/aradhya/Downloads/ideaIC-2019.3.3/idea-IC-193.6494.35/jbr/bin/java -javaagent:/home/aradhya/Down
Enter the String
welcome to the world of java
Enter the SubString to be replaced
java
Enter the string which will replace
jvm
welcome to the world of jvm

Process finished with exit code 0
|
```

Q2. Write a program to find the number of occurrences of the duplicate words in a string and print them ?

Ans: ss



```
Question2 x
/home/aradhya/Downloads/ideaIC-2019.3.3/idea-IC-193.6494.35/jbr/bin/java -javaagent:/home/aradhya/Downloads/ideaIC-2019.3.3:/
enter the String
hello hello tring tring
hello
tring

Process finished with exit code 0
```

Q3. Write a program to find the number of occurrences of a character in a string without using loop?

Ans: ss

```
Question3 x
/home/aradhya/Downloads/ideaIC-2019.3.3/idea-IC-193.6494.35/jbr/bin/java -javaagent:/home/aradh
enter the String
aradhyapatel
the character whose appearnace is required
a
4
Process finished with exit code 0
|
```

Q4. Calculate the number & Percentage Of Lowercase Letters,Uppercase Letters, Digits And Other Special Characters In A String

Ans: SS

```
shot Question4 x
/home/aradhya/Downloads/ideaIC-2019.3.3/idea-IC-193.6494.35/jbr/bin/java -javaagent:/home/aradhya,
Enter the String
asaGDGv@Vdvsav@@@$$#23232232b2dvd
No. of lowercase alphabet 13 percentage is 39.39394%
No. of Uppercase alphabet 4 percentage is 12.121212%
No. of digit 9 percentage is 27.272728%
No. of Character 7 percentage is 21.212122%
Process finished with exit code 0
|
```

Q5. Find common elements between two arrays.

Ans: SS

```
Question5 x
/home/aradhya/Downloads/ideaIC-2019.3.3/idea-IC-193.6494.35/jbr/bin/java -javaagent:/home/aradhya/Downloads/ideaIC-2019.3.3/idea-IC-193.6494.35/jbr/bin/java
enter the length of the first array
3
enter the element of array
1
1
2
enter the length of the second array
5
enter the element of the array
2
3
2
1
2
2
1
Process finished with exit code 0
```

Q6. There is an array with every element repeated twice except one. Find that element

Ans: SS

```
Question6 x
/home/aradhya/Downloads/ideaIC-2019.3.3/idea-IC-193.6494.35/jbr/bin/java -javaagent:/home/aradhya/Downloads/ideaIC-2019.3.3/idea-IC-193.6494.35/jbr/bin/java
enter the length of array
10
enter the element of array
1
2
23
23
434
2
1
2
2
the element is 434
3
Process finished with exit code 0
```

Q7. Write a program to print your Firstname,LastName & age using static block,static method & static variable respectively

Ans: SS

```
Question7 x
/home/aradhya/Downloads/ideaIC-2019.3.3/idea-IC-193.6494.35/jbr/bin/java -javaagent:/home/aradhya
first name is Aradhya, last name is patel and age is 20

Process finished with exit code 0
```

Q8. Write a program to reverse a string and remove character from index 4 to index 9 from the reversed string using String Buffer

Ans: SS

```
Question8 x
/home/aradhya/Downloads/ideaIC-2019.3.3/idea-IC-193.6494.35/jbr/bin/java -javaagent:/home/aradhya/Downloads/id
enter the string
svdfewgdhvwvewe
reverse string is ewevvvhgdgwefdvs
new String will be ewevedvs

Process finished with exit code 0
|
```

Q9. Write a program to display values of enums using a constructor & getPrice() method (Example display house & their prices).

Ans: SS

```
Question9 x
/home/aradhya/Downloads/ideaIC-2019.3.3/idea-IC-193.6494.35/jbr/bin/java -javaagent:/home/aradhya
house with their prices
2100000
300000
540000

Process finished with exit code 0
```

Q10. Write a single program for following operation using overloading

- A) Adding 2 integer number
- B) Adding 2 double
- C) multiplying 2 float
- D) multiplying 2 int
- E) concat 2 string
- F) Concat 3 String

Ans: SS

```
Question10 x
/home/aradhya/Downloads/ideaIC-2019.3.3/idea-IC-193.6494.35/jbr/bin/java -javaagent:/home/aradhya/Downloads/ideaIC-2019.3.3/idea-IC-1
57
661.75724
1088
529.5806
incredible india
i love my india
Process finished with exit code 0
```

Q11.Create 3 subclass of bank SBI,BOI,ICICI all 4 should have method called
getDetails which provide there specific details like rate of interest etc,print
details of every banks

Ans: SS

```
Question11 x
/home/aradhya/Downloads/ideaIC-2019.3.3/idea-IC-193.6494.35/jbr/bin/java -javaagent:/home/aradhya/Downloads/ideaIC-2019.3.3/idea-IC-193.6494.35/l:
BankName : DBS Bank
Branch : Singapore
AccountType : Saving
rateofInterest : 9%
BankName : SBI Bank
Branch : Delhi
AccountType : Current
rateofInterest : 7%
BankName : BOI Bank
Branch : Mumbai
AccountType : Fixed Deposit
rateofInterest : 12%
BankName : ICICI Bank
Branch : Noida
AccountType : Recurring DEposit
rateofInterest : 10%
```