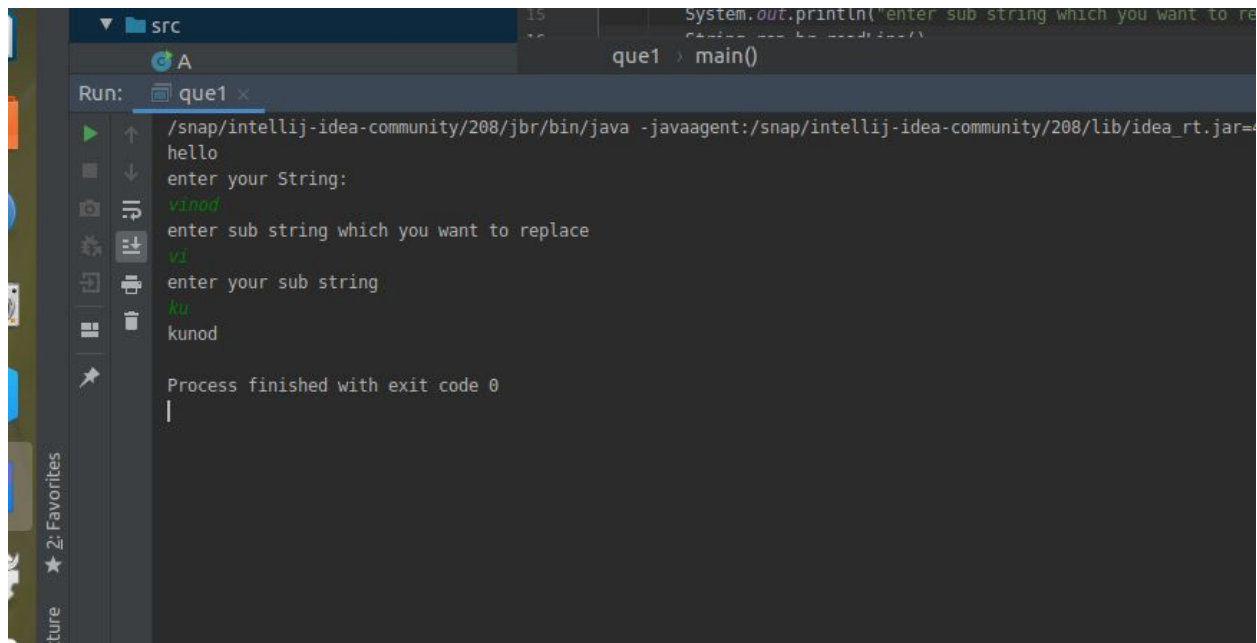


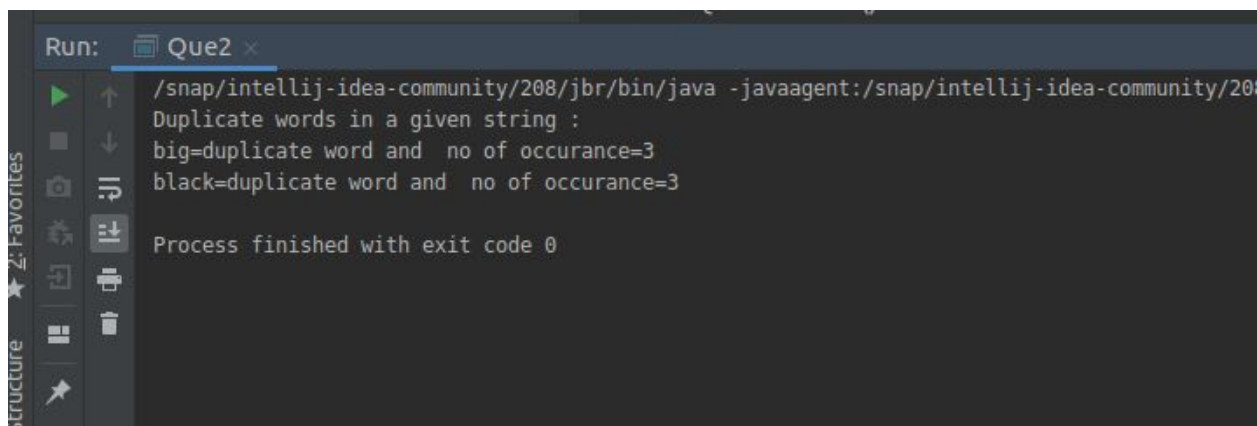
Q1. Write a program to replace a substring inside a string with other string ?



```
Run: que1 x
/snap/intellij-idea-community/208/jbr/bin/java -javaagent:/snap/intellij-idea-community/208/lib/idea_rt.jar=
hello
enter your String:
vinod
enter sub string which you want to replace
vi
enter your sub string
ku
kunod

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 ?



```
Run: Que2 x
/snap/intellij-idea-community/208/jbr/bin/java -javaagent:/snap/intellij-idea-community/208
Duplicate words in a given string :
big=duplicate word and no of occurrence=3
black=duplicate word and no of occurrence=3

Process finished with exit code 0
```

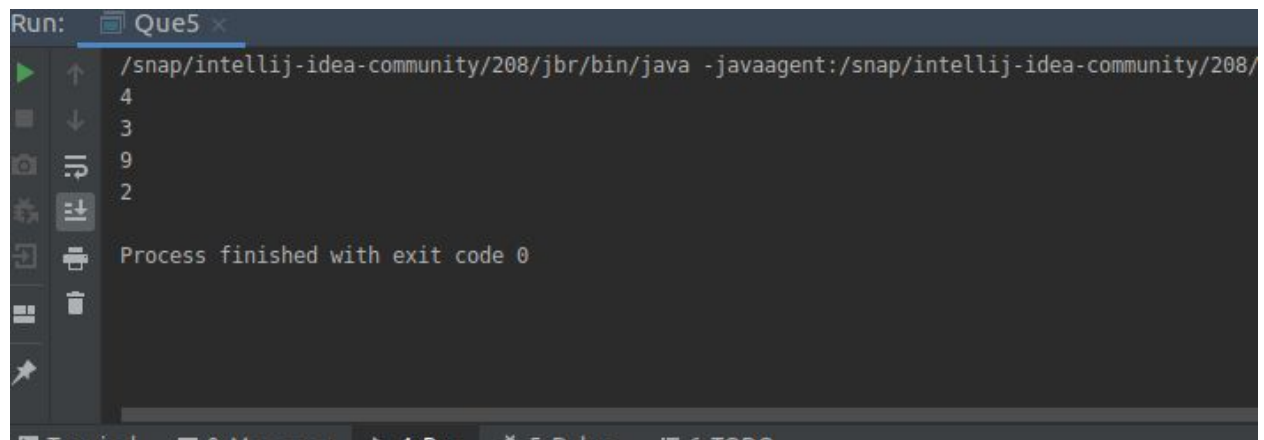
Q3. Write a program to find the number of occurrences of a character in a string without using loop?

```
Run: Que3 x
/snap/intellij-idea-community/208/jbr/bin/java -javaagent:/snap/intellij-idea-community/208/lib/idea_rt.jar
Number of occurrences of 'i' in vinodkumarsingh = 2
Process finished with exit code 0
```

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

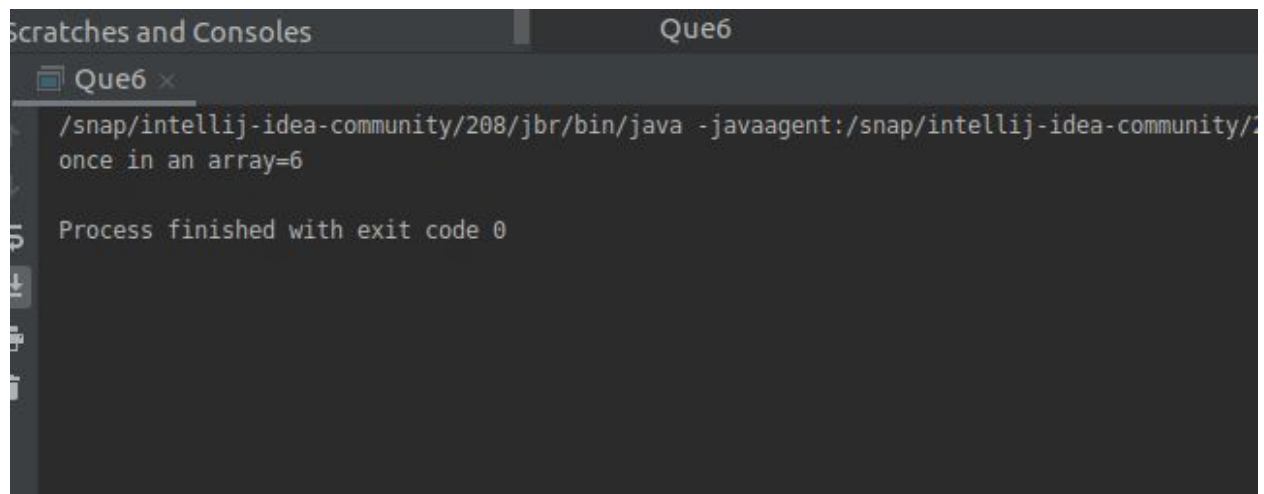
```
Project 3.java x Que4.java x Que5.java x Que6.java x Que
n: Que4 x
/snap/intellij-idea-community/208/jbr/bin/java -javaagent:/snap/intellij-idea-community/208/lib/idea_rt.jar
In 'Tiger Runs @ The Speed Of 100 km/hour.' :
Total number of characters=38
Uppercase letters are 13.16% number of uppercase=5
Lowercase letters are 52.63% number of lowercase =20
Digits Are 7.89% Number of digit3
Other Characters Are 26.32% numbers of other character10
-----
In 'My e-mail : eMail_Address321@anymail.com' :
Total number of characters=40
Uppercase letters are 7.5% number of uppercase=3
Lowercase letters are 65% number of lowercase =26
Digits Are 7.5% Number of digit3
Other Characters Are 20% numbers of other character8
-----
In 'AUS : 123/3, 21.2 Overs' :
Total number of characters=23
Uppercase letters are 17.39% number of uppercase=4
Lowercase letters are 17.39% number of lowercase =4
Digits Are 30.43% Number of digit7
Other Characters Are 34.78% numbers of other character8
-----
Process finished with exit code 0
```

Q5. Find common elements between two arrays.



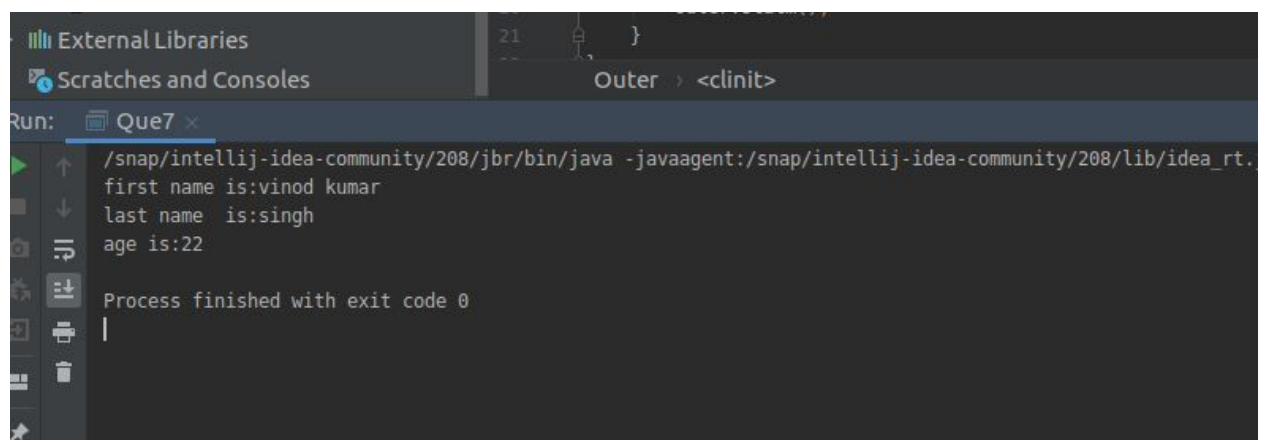
```
Run: Que5 x
/snap/intellij-idea-community/208/jbr/bin/java -javaagent:/snap/intellij-idea-community/208/
4
3
9
2
Process finished with exit code 0
```

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



```
Scratches and Consoles Que6
Que6 x
/snap/intellij-idea-community/208/jbr/bin/java -javaagent:/snap/intellij-idea-community/2
once in an array=6
Process finished with exit code 0
```

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



```
External Libraries
Scratches and Consoles
Run: Que7 x
/snap/intellij-idea-community/208/jbr/bin/java -javaagent:/snap/intellij-idea-community/208/lib/idea_rt.
first name is:vinod kumar
last name is:singh
age is:22
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

```
Que8 x
/snap/intellij-idea-community/208/jbr/bin/java -javaagent:/snap/intellij-idea-community/208/lib/i
Original string : vinodprajjwal
after reverse and deleting index from 4 to 9 : lawjoniv

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)

```
un: Que9 x
/snap/intellij-idea-community/208/jbr/bin/java -javaagent:/snap/intellij-idea-community/208/lib/i
Price of smallHose=20000   type of smallhouse=1bhk
Price of smallHose=40000   type of smallhouse=2bhk
Price of smallHose=100000   type of smallhouse=3bhk

Process finished with exit code 0
```

Terminal 0: Messages ▶ 4: Run ⚙ 5: Debug ☰ 6: TODO

Q10. Write a single program for following operation using overloading

- A) Adding 2 integer number
- B) Adding 2 double
- C) multiplying 2 float
- D) concate 2 string
- E) Concate 3 String

```
un: Que10 x
/snap/intellij-idea-community/208/jbr/bin/java -javaagent:/snap/intellij-idea-community/208/lib/idea_rt.jar=39585:/sna
adding of two integer number:1 +2=3
adding of two float:4.5d +6.6d=11.1
multiplication of two float :4.5f*7.4f=33.3
concation of two string:vinod+prajjwal=vinodPrajjwal
cancation of three string:vinod+nishant+prajjwal=vinodNishantPrajjwal
Process finished with exit code 0
```

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

```
n: Que11 x
/snap/intellij-idea-community/208/jbr/bin/java -javaagent:/snap/intellij-idea-community/208/1
details of ICICI
rate of interest on normal deposit=9.2%
types of Loan:-educationloan,homeloan,carloan
minimum balance=2000
details of BOI
rate of interest on normal deposit=9.2%
types of Loan:-educationloan,homeloan,carloan
minimum balance=2000
details of SBI
rate of interest on normal deposit=7.2%
types of Loan:-educationloan,homeloan,carloan
minimum balance=3000
Process finished with exit code 0
```