

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

OUTPUT ( ReplaceString.java)

```
Run: ReplaceString x
/home/prabhat/.sdkman/candidates/java/8.0.242-zulu/bin/java ...
HEY Prabhat ! That's Your New String
hahahaha
New String which will replace First occurrence : hihehehe
Hello Prabhat ! That's Your New String

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 ?

OUTPUT :(DuplicatewordsQues2.java)

```
Run: DuplicateWordQues2 x
/home/prabhat/.sdkman/candidates/java/8.0.242-zulu/bin/java ...
Original String Passed
big black bug bit a big black dog on his big black nose
Duplicate Words in a given Statement
Count of 'big' is : 3
Count of 'black' is : 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?

OUTPUT :(WithoutLoopQues2.java)

```
Run: WithoutloopQues2 x
/home/prabhat/.sdkman/candidates/java/8.0.242-zulu/bin/java ...
Number of occurances of 'a' in 'Java is the programming language. It is Portable' is: 6
Process finished with exit code 0
```

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

OUTPUT(PercentageQues4.java)

```
Run: PercentageQues4 x
/home/prabhat/.sdkman/candidates/java/8.0.242-zulu/bin/java ...
Total Characters in the given string is : 19
Total Number of UpperCase in given String is : 2
Total Number of LowerCase in given String is : 8
Total Number of digits in given String is : 6
Total Number of other or special Character in given String is : 3
PERCENTAGE OF DIFFERENT PARTS
Percentage of UpperCase in given String is : 10%
Total Number of LowerCase in given String is : 42%
Total Number of digits in given String is : 31%
Total Number of other or special Character in given String is : 15%
Process finished with exit code 0
```

Q5. Find common elements between two arrays.

OUTPUT(Common\_element\_Ques5.java)

```
Run: Common_element_Ques5 x
/home/prabhat/.sdkman/candidates/java/8.0.242-zulu/bin/java ...
First Array is :
1 2 3 4 8 6
Second Array is :
2 3 8
Common Element in these arrays are :
2 3 8
Process finished with exit code 0
```

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

OUTPUT(RepeatedElement\_Ques6.java)

```
Run: RepeatedElement_Ques6 x
/home/prabhat/.sdkman/candidates/java/8.0.242-zulu/bin/java ...
1 2 1 3 2
Value Which is written only once in given Array : 3
Process finished with exit code 0
```

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

OUTPUT(StaticblockQues7.java & Staticforques7.java)

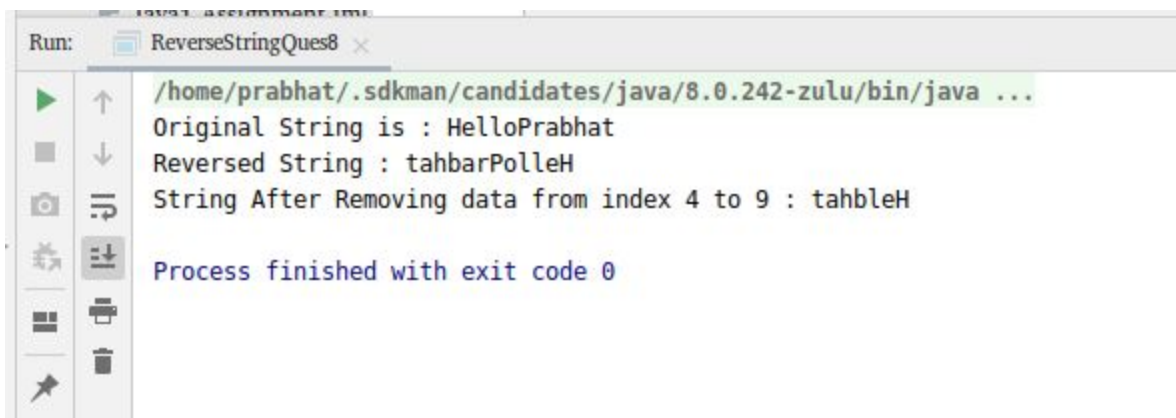


```
Run: Staticforques7 x
/home/prabhat/.sdkman/candidates/java/8.0.242-zulu/bin/java ...
Static Prabhat
null
First Name is :Prabhat
Last Name is : Goswami
Age is : 24
First Name is : Akshita
Last Name is : Tandon
Age is : 23
Process finished with exit code 0
```

Terminal 0: Messages 4: Run 6: TODO

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

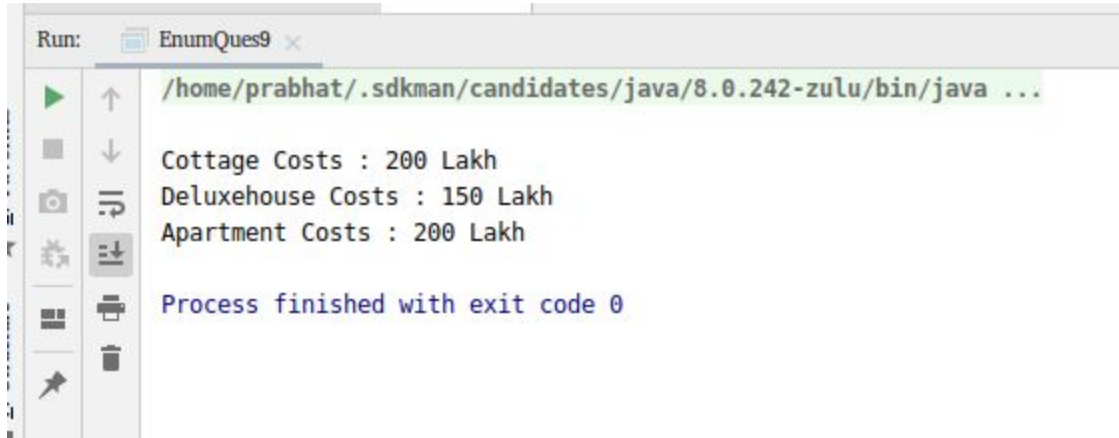
OUTPUT(ReverseStringQues8.java)



```
Run: ReverseStringQues8 x
/home/prabhat/.sdkman/candidates/java/8.0.242-zulu/bin/java ...
Original String is : HelloPrabhat
Reversed String : tahbarPolleH
String After Removing data from index 4 to 9 : tahbleH
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)

OUTPUT(EnumQues9.java)

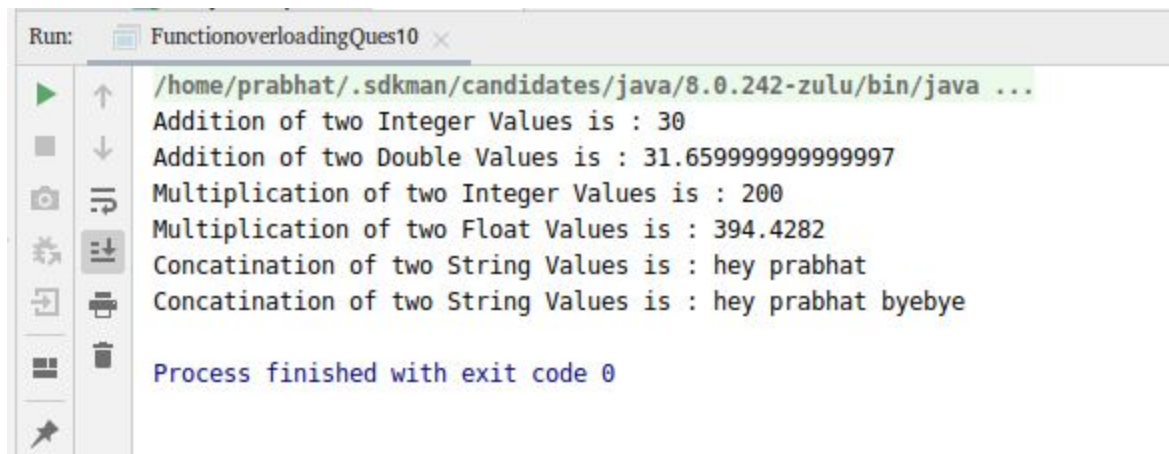


```
Run: EnumQues9 x
/home/prabhat/.sdkman/candidates/java/8.0.242-zulu/bin/java ...
Cottage Costs : 200 Lakh
Deluxehouse Costs : 150 Lakh
Apartment Costs : 200 Lakh
Process finished with exit code 0
```

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) concatenate 2 string
- F) Concatenate 3 String

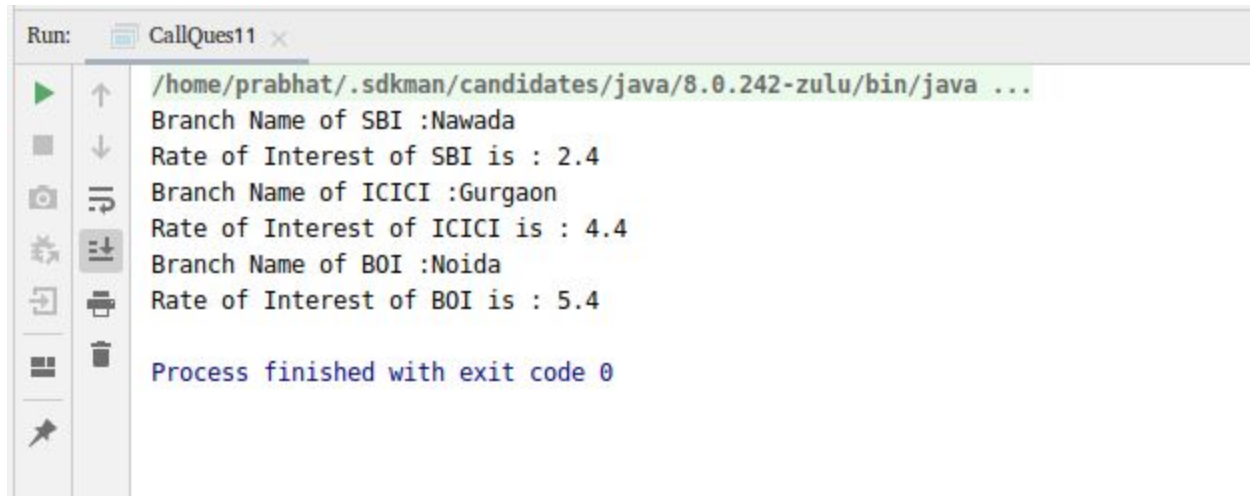
OUTPUT(FunctionOverloadingQues10.java)



```
Run: FunctionoverloadingQues10 x
/home/prabhat/.sdkman/candidates/java/8.0.242-zulu/bin/java ...
Addition of two Integer Values is : 30
Addition of two Double Values is : 31.659999999999997
Multiplication of two Integer Values is : 200
Multiplication of two Float Values is : 394.4282
Concatination of two String Values is : hey prabhat
Concatination of two String Values is : hey prabhat byebye
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

OUTPUT(BankQues11.java & Callques11.java)



```
Run: CallQues11 x
/home/prabhat/.sdkman/candidates/java/8.0.242-zulu/bin/java ...
Branch Name of SBI :Nawada
Rate of Interest of SBI is : 2.4
Branch Name of ICICI :Gurgaon
Rate of Interest of ICICI is : 4.4
Branch Name of BOI :Noida
Rate of Interest of BOI is : 5.4
Process finished with exit code 0
```