1.define an arry a=[“hello”, ”Malayalam”, ”brilliance”, ”madam”] find out palindromes in this arry?

2.Text

**Ruby** is a [dynamic](http://en.wikipedia.org/wiki/Dynamic_programming_language), [reflective](http://en.wikipedia.org/wiki/Reflection_(computer_science)), general-purpose [object-oriented programming language](http://en.wikipedia.org/wiki/Object-oriented_programming_language) that combines syntax inspired by [Perl](http://en.wikipedia.org/wiki/Perl) with [Smalltalk](http://en.wikipedia.org/wiki/Smalltalk)-like features. It was also influenced by [Eiffel](http://en.wikipedia.org/wiki/Eiffel_(programming_language)) and [Lisp](http://en.wikipedia.org/wiki/Lisp_(programming_language)).[[8]](http://en.wikipedia.org/wiki/Ruby_(programming_language)#cite_note-8) Ruby was first designed and developed in the mid-1990s by [Yukihiro "Matz" Matsumoto](http://en.wikipedia.org/wiki/Yukihiro_Matsumoto) in [Japan](http://en.wikipedia.org/wiki/Japan).

Ruby supports multiple [programming paradigms](http://en.wikipedia.org/wiki/Programming_paradigm), including [functional](http://en.wikipedia.org/wiki/Functional_programming), [object oriented](http://en.wikipedia.org/wiki/Object-oriented_programming) and [imperative](http://en.wikipedia.org/wiki/Imperative_programming). It also has a [dynamic type](http://en.wikipedia.org/wiki/Dynamic_type) system and automatic [memory management](http://en.wikipedia.org/wiki/Memory_management); it is therefore similar in varying respects to [Smalltalk](http://en.wikipedia.org/wiki/Smalltalk), [Python](http://en.wikipedia.org/wiki/Python_(programming_language)), [Perl](http://en.wikipedia.org/wiki/Perl), [Lisp](http://en.wikipedia.org/wiki/Lisp_(programming_language)), [Dylan](http://en.wikipedia.org/wiki/Dylan_(programming_language)), and [CLU](http://en.wikipedia.org/wiki/CLU_(programming_language)).

Find out the frequency of the words in the above text?

Example

ruby-3

3.in the above text find out the Strings which are between the ruby and programming , and find the shorts path between the them?

4.Find out the unique elements in the following array a[1,2,3,4,4,5,6,6,6,7,7,7,4,4,4,1,1,1,9,9,9,9]

5.in the numbers 1..100 get an array of even number and odd numbers in single loop?

hashes

6.find out the frequency of the words from the above text using text file and using hashes ?

7.Find the people having same common nick name from the below?

Name nickname

Kumar babloo

Lalith sunny

Sai bunny

Venkat sunny

Vinod babloo

8.find the people who are adults and senior citizens ?

Name age

Kumar 23

Lalith 67

Sai 41

Venkat 82

Vinod 14

Pradeep 52

9.A customer buys

6 apples,13 mangoes, 1 pine apple, 36 bananas find the total bill?

Cost are

Apple coast

1 for 10rs

4 for 30rs

Mangoes

1 for 20rs

6 for 100rs

Pine Apples

1 for 30rs

1 2for 250rs

Bananas

1 for 1rs

1 2for 10rs