Other Strings

Les have 2 others classes in Java, which makes String Objects
routeble i-e

(1) Storng Buffu

(2) Storng Ruilder

Storng ( "AD(")

Storng C = new String Buffer ("AB("))

inbatt reverse = String Buffer s = new String Buffer ("AB("))

StringBuilder s = new String Builder ("AB("))

Notes

(1, Stoingluffer is 'thread Safe" & Stoing Builder is not a thread safe

for Exch Loop

ar (3/1/3/2/4)

D (23 4

T T T T T

for (int i=0; izar-length; i++) {

S.OP (ar[i]) /ar[i] = corti]+1

works for only iterable objects

norks for only iterable objects

noter yelve

for (int ele: ar) {

sor (ele)

}

Note:

It is only weeful for travelly element

di WAP to find man of 2 number

Roslean Opl 9 0p2 = op]
rature
12 holds
Palac

op = operand

(1) OOP - Encapsuletin

defor The process of binding the data & code together 9, called excapeulation

Castaura)

does Code

Seebalance ()

name

wittscham()

transfer ()

blance

Setter \_\_\_ mut stors (changes)

getrus - Accessus

class Customer{
 String name;
 long crnNumber;
 double balance;
}
public class AlphaCustomer {

 public static void main(String[] args) {
 Customer x = new Customer();
 x.name = "Alex";
 x.crnNumber = 75124121231231;
 x.balance = -2000.00;
 System.out.println(x.name);
 System.out.println(x.crnNumber);
 System.out.println(x.balance);
 x.balance = 131231231.00;
 }
}

Adventages

We Can actione

(1, code re-usualitéty

13 abstraction

3 deta seemis

(4) Maintainbility

(5, R/w parot ection (getters & setter in dus)

## Note :

- is In the above program, we one able to access the field directly.

  we can insect any velves, which results in deta insecurity
- (2) In order to octive data security, by the nelp of private keyword ... making fields as private]
- (3 private is a modified in Java, which can be used for vaniables, method & inner classes
- the class
- (5) The process of making the fields as private & not giving direct access to the fields is called as "data hiding"
- 16, stace direct occess is not available, we have to give controlled carelled to
- (7) Controlled access can be advised by the settent) & getters()

## Notes

```
public void setName(String name){

this.name = name;

}

instance vaile [feld]

public String getName() {

return name;
}
```

cl. In the above program, the values for the fields are not assigned because the local variables & field have the same name, so prosity will be siven to local variable by Tron

(2) The processe of having the same name for the bed validates of fields

will arise a problem which is called as "Mado wing"

supe — Aris name

(3) We can over some the problem by using the tegeord the