

↓ ↓ ↓
Print a, c, e... till the characters are less
than z

small

O/P →

a
c
e
g
i
k
...

: initialization :- i = a

condⁿ :- i < 'z'

inc/decr :- i++

Print z, y, x... till 26 characters

small

5-6 minutes

0/p →
2
y
x
w
v
u
...
a

Reverse

initialization = i = '2';

condⁿ = i > 'a'

inc/dec = i++ = 1

~~23~~ ~~22~~ 0
~~count = 15~~ → char i = ~~26~~ 'c' + 28

while (count > 0)

{

 sysr(i)

 if = 1

 count--

}

while (chr == 'c')

{

}

'c' + 26

z

y

x

w

v

u

t

←

q

p

o

n

m

l

k

j

i

h

g

f

e

d

c

b

a

ASCII

a → 97

b → 98

c → 99

d → 100

e

f

g

h

i

j

k

l

m

n

o

p

q

r

s

t

u

v

w

f → 123

z - - a

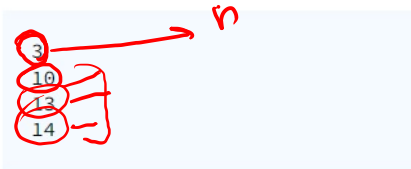
c d,

124
 z 1 - 3

First take n as an integer input.

Then you will be given n integers as integer inputs and each time you have to print "even" if the number is an even number and "odd" if the number is an odd number.

Sample Input 0



A diagram illustrating the sample input. It shows a list of numbers: 3, 10, 13, and 14, each enclosed in a red circle. A red arrow points from the first circle (3) to a red 'n' written to the right. To the right of the list, there are three red curly braces: the first brace groups the numbers 10, 13, and 14; the second brace is under the number 13; and the third brace is under the number 14.

Sample Output 0

even
odd
even

}

n integer input.

```
int n=scn.nextInt();
for(int i=1;i<=n;i++){
    int x=scn.nextInt();
    if(x%2==0){
        System.out.println("even");
    }else {
        System.out.println("odd");
    }
}
```

char

n=3

$i=1 \leq 3 (T) \rightarrow$
 $i=2 \leq 3 (T) \rightarrow$
 $i=3 \leq 3 (T) \rightarrow$
 $i=4 \leq 3 (F) \times$

$x=10 \rightarrow$ even
 $x=13 \rightarrow$ odd
 $x=14 \rightarrow$ even

int n=scn.nextInt();

int n=scn.nextInt();

for (int i=1; i<=n; i++)

if (n%2==0)

}

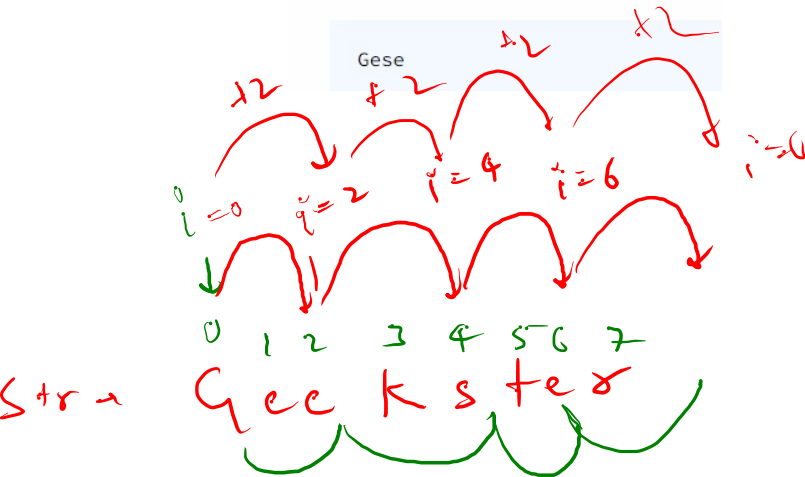
Take a String str as input and print the alternate elements of the given string.

Sample Input 0

Geekster

Sample Output 0

Gese



Str =

Geekster

o/p = G e s e

string →

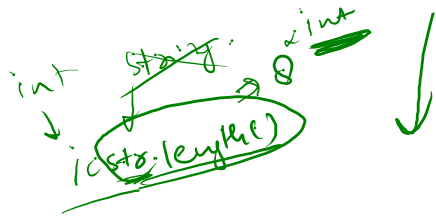
initialization:- $i = 0$
condⁿ:- $i < \text{str.length}()$

increment:- $i += 2;$

String name = charAt(i, n)

```
String str = scn.next();
```

```
for(int i=0; i<str.length(); i+=2){  
    char ch = str.charAt(i);  
    System.out.print(ch);  
}
```



str = "GeBReKaR"
0 1 2 3 4 5 6 7 8

i = 0 < 8 (T) → ch = G
i = 2 < 8 (T) → ch = e
i = 4 < 8 (T) → ch = s
i = 6 < 8 (T) → ch = e
i = 8 < 8 (F)

0 1 2 3 4 5 6
"Chaudhary"
↑ ↑ ↑ ↑ ↑

o/p → C a d h

o/p

Ge s e

next + space

newline → A - D

Reverse →

str = "hello"

ptr = "olleh"

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
G r e e k s t o r
0 1 2 3 4 5 6 7

str.length() = 8.

$j = \frac{\text{str.length}() - i}{2}$ i =

str
↓
i while str.length()

G r e e k s t o r = 8.

8 ← str(f)

8 ← str(f)

8 ← str(r)

for (int i = 0; i < ~~str.length~~ (str.length))