Print if divisible by both 3 and 4

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Print Divisible by 3 and 4 if the given integer is divisible by both 3 and 4.

Print Not Divisible if the given integer is not divisible by both 3 and 4.

1 → i/p ⇒ x

x % 3 == 0

&

x % 4 == 0

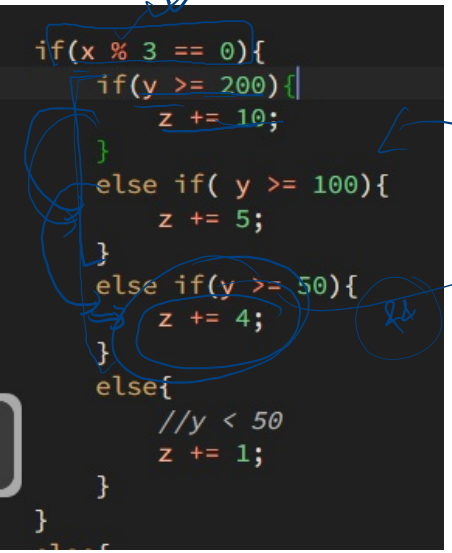
x = 12 → factor of 3 & factor of 4

```java
import java.io.*;
import java.util.*;

public class Solution {

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        int x = scn.nextInt();

        if(x % 3 == 0 && x % 4 == 0){
            System.out.println("Divisible by 3 and 4");
        }
        else{
            System.out.println("Not Divisible");
        }
    }
}
```



```
if(x % 3 == 0){
    if(y >= 200){
        z += 10;
    }
    else if( y >= 100){
        z += 5;
    }
    else if(y >= 50){
        z += 4;
    }
    else{
        //y < 50
        z += 1;
    }
}
```

If **x** was divisible by **3**, the program checked the value of **y**.

If **y** was greater than or equal to **200**, the program added **10** to the value of **z**.

If **y** was greater than or equal to **100** but less than **200**, the program added **5** to the value of **z**.

If **y** was greater than or equal to **50** but less than **100**, the program added **4** to the value of **z**.

If **y** was less than **50**, the program added **1** to the value of **z**.

runner up 3

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Three numbers **A, B and C** are the inputs. Write a program to find **second largest** among them.

A	B	C
10	25	5

max = 25

min = 5

if - elseif - else

```
x + y + z - max - min
```

Switch Statement:

↳ in place of if else if else ladder.

↳ Syntax.

String.

"Aman"

0 1 2 3

→ 4 char.

```
Scanner scn = new Scanner(System.in);

String name = scn.next();

System.out.println("My name is " + name);
System.out.println(name.charAt(1));
```

m

5

name = "Aman"

index 0 1 2 3

.charAt(idx)

char

idx → 0

"" → n

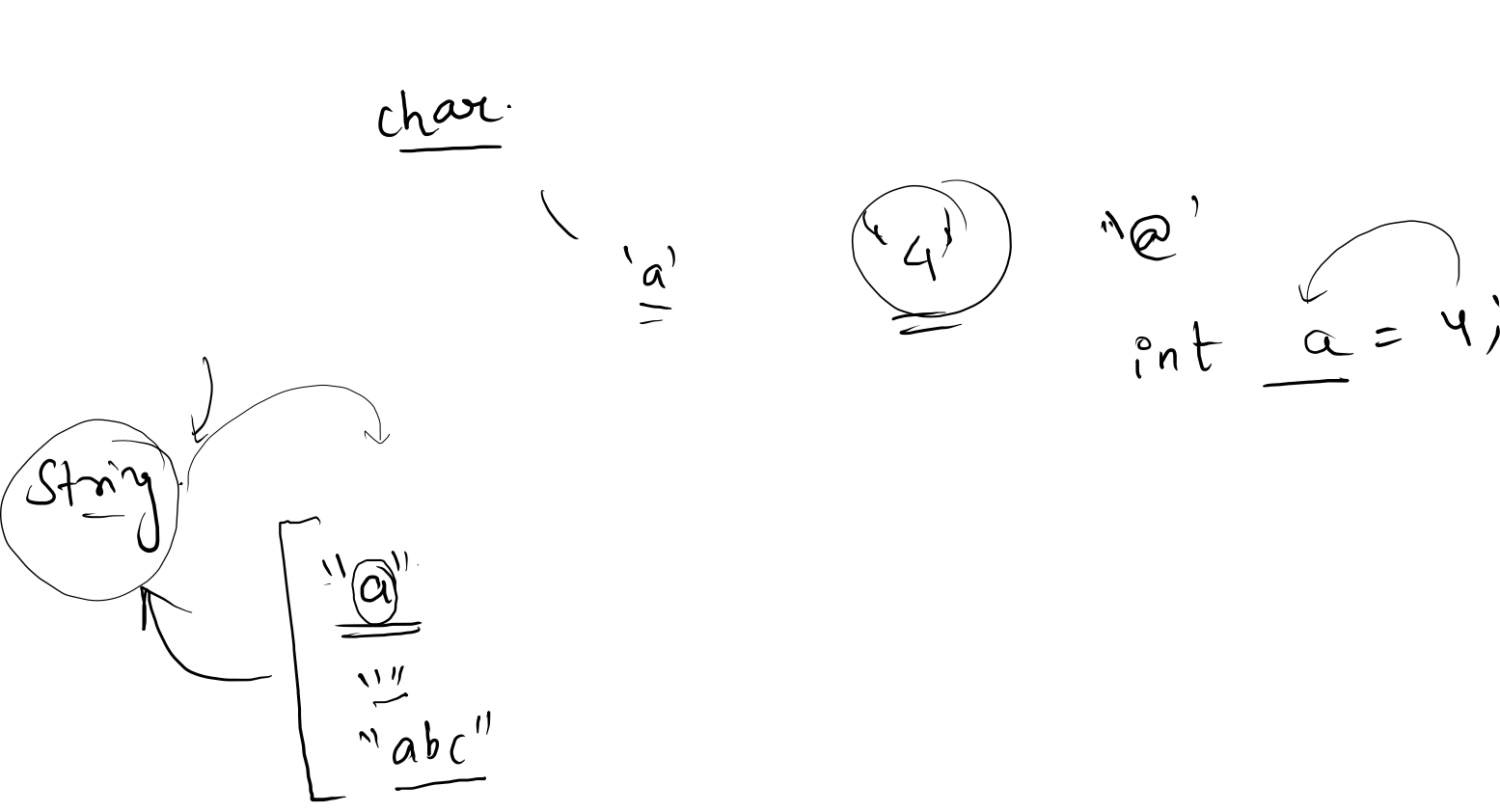
0 n-1

"Aman" → length = 4.

0 1 2 3

"4562"

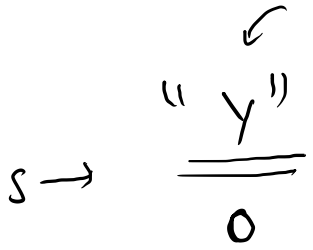
char


char
'a'
'4'
'@'
int a = 4;
String
"@"
"abc"

```java
import java.util.Scanner;
public class Main
{
    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        char ch = scn.next().charAt(0);


        System.out.println(ch);

    }
}
```



s.charAt(0)