

# Revision.

String ✓

stream.

char \*

'a' / 'A'

String  
s.charAt(idx)

s → geeks  
0 1 2 3 4

s.charAt(3).

len → 5

Scanner

next()

nextLine()

length()

switch.

case 1:

default:

# Grade the student-2

You are screen sharing

Stop Share

Problem

Submissions

Leaderboard

Discussions

You are given a character `ch` which represents a grade of a student in a course. The valid grades are A, B, C, and F. Your task is to print a message based on the grade using a switch statement.

If the grade is A, print Excellent!.

If the grade is B, print Well done!.

If the grade is C, print You passed!.

If the grade is F, print Better luck next time!.

If the grade is not one of the valid options, print Invalid grade.

camel casing →  
snake casing →

amanSrivastava.  
↑  
aman\_srivastava

Sample Input 0

B

Sample Output 0

Well done!

# Switch Calculator 1

Problem

Submissions

Leaderboard

Discussions

You are given integer inputs N, a and b. perform operations on a and b for different value of N like :-

If value of N is 10 -> a + b

If value of N is 20 -> a - b;

If value of N is 30 -> a \* b;

If value of N is 40 -> a % b;

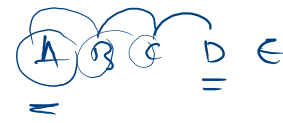
If value of N is 50 -> a / b;

else print (Enter a valid number.)

operands

switch(N)

# jumping character



Problem

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Discussions

Take in a character as an input and manipulate it as given under

1. Condition 1: If the entered character is a **small-case** character, then

if (a b c d e) ..

A. If the character is from character a and till the character w, both a and w included, then Jump **three** times to **right** and print the resulting character as explained in the example below,

For eg. If a is given then print d, If b is given then print the character e, If c is given then print the character f, If w is given then print the character z.

B. Else print the string Can't jump.

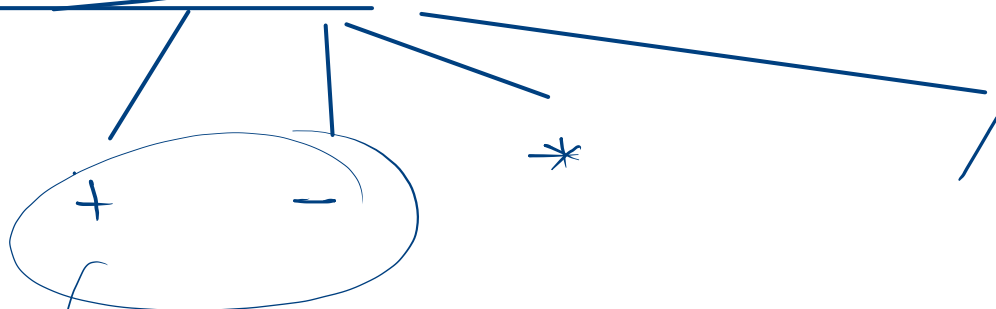
2. Condition 2: If the entered character is a **capital-case** character, then

A. If the character is from character D and till the character Z, both D and Z included, then Jump **three** times to **left** and print the resulting character as explained in the example below,

For eg. If D is given then print A, If E is given then print the character B, If F is given then print the character C, If Z is given then print the character W.

B. Else print the string Can't jump.

Maths on char.

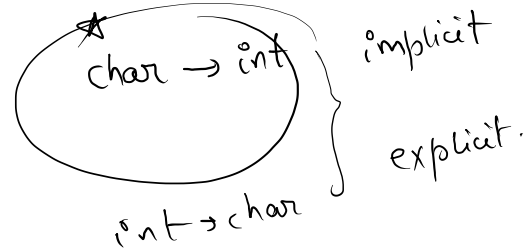
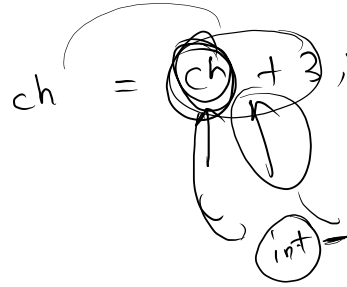


maths on

int  
ASCII

# Type casting

converting one data type to another.



## Types

1. Implicit ✓ → where java is converting automatically.
2. Explicit → where programmer " " manually.