alculator switch cark

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;
                                              (1) (a. m)
   16 ... | ... - 6 kl | - 20 . - L.
public static void main(String[] args) {
   Scanner scn = new Scanner(System.in);
   int n = scn.nextInt();
   int a = scn.nextInt();
   int b = scn.nextInt();
   switch(n){
        case 10:
            System.out.println(a+b);
            break;
        case 20:
            System.out.println(a-b);
            break;
        case 30:
           System out.println(a*b);
           break;
     case 40:
            System.out.println(a%b);
            break;
     ✓ case 50:
            System.out.println(a/b);
            break;
    √ default 3,
            System.out.println("Enter a valod number");
          break;
     * Enter your code here. Read input from STDIN. Print output to STDOUT. Yo
```

Introduction to chan and in build functions and stong chan is data type that stone chanacter fuguets Intiduit 2 byte numeric value (0 to 9) change alphabet ('a' to 'z' 4 'A' to 'z') Special characters

('\$', 't', '@')

('\$', 't', 'e')

('t', '/b', 'le') v | chan ch = 'a'; = 2 byts [24] v den a = 'i'; Chan chi = '\$'; chan ch = " " - '; ASC11 (0-255) 101 + Int - machine language A'+ 32 = 'a' 101 - 48 -> 01011110 3 3 51 19' -> 57

Hot tuing Char ch = 'a'; 97 5y80 (ch) = a 2byte 4byte (ind) val = (h); --- 101001---Syso (val); d chor ch = 'a'; int n = 97; enrow that val = ch + 3; chan ch = n'; lossy convenion.

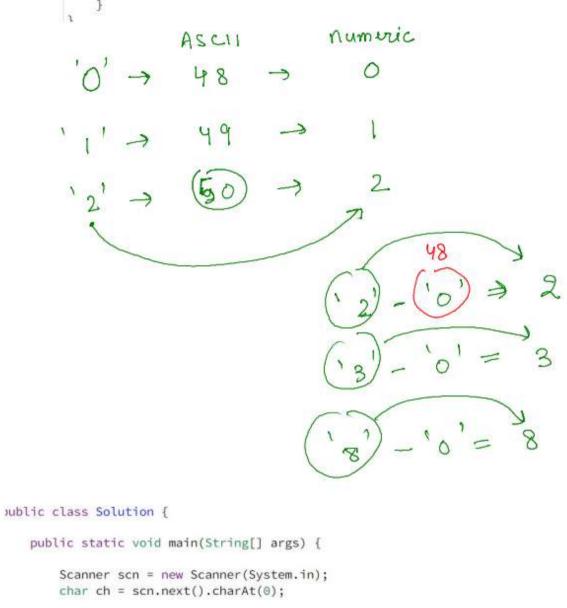
Syso (val); \$\frac{100}{100}\$ type carting type casting the chart of the c (chan)100 chan ch = 12; Jgg Int our = c4+100; -48 = 50+100 = 150 Systo (ans);

int val = ch + 3; To conver a sharater digit Subtract with 10' e cast (val) = 100 (val) char ch = 'a'; | shan sh = '12';

shan val = (char)(ch+3); val zd w

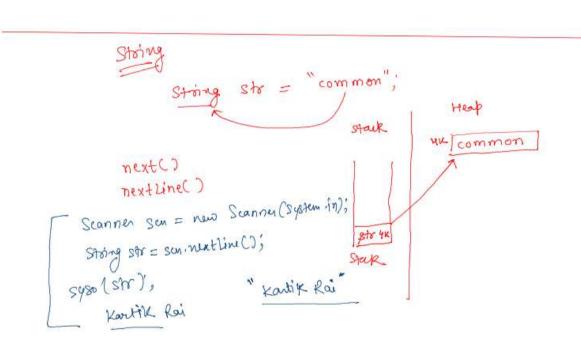
(3) convert upper case with lover or lower with upper to lower = add 32, woon to upper -32

```
public static void main(String[] args) {
       Scanner scn = new Scanner(System.in);
       char ch = scn.next().charAt(0);
       if(ch >= 'a' && ch <= 'z'){
           if(ch >= 'a' && ch<='w'){
               char val = (char)(ch+3);
               System.out.println(val);
           }else{
               System.out.println("Can't jump");
       }else if(ch >='A' && ch<='Z'){
           if(ch >='D' && ch<='Z'){
               char val = (char)(ch-3);
               System.out.println(val);
           }else{
               System.out.println("Can't jump");
       /* Enter your code here. Read input from STDIN. Print output to STDOUT. You
public class Solution {
    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        char ch = scn.next().charAt(0);
        if(ch >= 'A' && ch<='Z'){
            System.out.println("Capital case");
        }else if(ch>='a' && ch<='z'){
            System.out.println("Small case");
        }else if(ch>='0' && ch <='9'){
            System.out.println("Digit");
        }else{
            System.out.println("None");
        /* Enter your code here. Read input from STDIN. Print output to STDOUT
```



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

    if(ch >='a' && ch<= 'z'){
        char val = (char)(ch - 32);
        System.out.println(val);
    }else{
        char val = (char)(ch + 32);
        System.out.println(val);
    }
    /* Enter your code here. Read input from STDIN. Print output to STE
}</pre>
```



```
. charAt (0)
                                                                     012345
chan on = strong. chanA+(0)

First character of that

Stoting.
                            . chanAt()
Str. lugth() > length of String=6
  ( common
      005
                                                   = (3) (3)

Spo. chanA+(5);

U india out of bound

error

error
                  public static void main(String[] args) {
                       Scanner scn = new Scanner(System.in);
                       String str = scn.nextLine();
                       if(str.length()>=4){
                           char ch = str.charAt(3);
                           System.out.println(ch);
                           System.out.println("Small string");
                       /* Enter your code here. Read input from STDIN. Print output to STDO
```