## Add if a digit

M. Ing

ASCII value of char(gineum) - ASCII value p 10

04150 5+100=105 0, 4/20 3/20 48+100 7/48 X cher ch = 17,000,
"wh nun = ch, 53-48 刀子

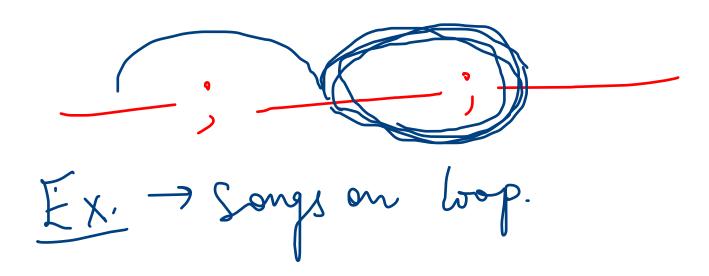
```
char to int Interes
                                                     ch = 16:
                                                       11/7=0 28 16' = 19' 3 T
    Scanner s = new Scanner(System.in);
    char ch = s.next().charAt(0);
   rif(ch >= '0' && ch <= '9'){
       int num = (ch - '0');
                                                       \text{unw} = \left( \begin{pmatrix} 2 \\ 1 \end{pmatrix} - \begin{pmatrix} 2 \\ 1 \end{pmatrix} \right), 
       System.out.println(num + 100);
   relse{
       System.out.println("This is not a digit");
                                                                     54-48 =6
                                                        (mm + 100)
(+ 100 =) 106 8/P
 (a' = else
of this is not a
                              using "w built
                                                                          's Digit ('5') T
                                                                         num = 5 + 100;
                           if(Character.isDigit(ch)){
                               int num = Character.getNumericValue(ch) + 100;
                              System.out.println(num);
                                                                         0/7/65
                           else{
                              System.out.println("This is not a digit");
                           }
```

execute statements repeatedly. Loops > used to (M. Imp) Types of loops -> for loop 3 relite boop 7 do while box

-> for each boop

for losp Synten > for [initialize; condition; up gradations] {

// statement
} # all 3 are optional initializations > from where to start condition > when to Stop upgrade > by how much we have to move.



## HW\_Print first N multiples of 9

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

int n = s.nextInt();

9 \times 1

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

    System.out.print(i * 9 + " ");

9 \times 2

9 \times 2

9 \times 2

9 \times 2 \times 3

9 \times 3 \times 3
```

## HW\_Print series 13, 18, 23, 28...

```
Scanner s = new Scanner(System.in);
int n = s.nextInt();

for(int i = 13; i <= n; i+=5){
    System.out.print(i + " ");
}</pre>
```

## Reverse 5 table

```
for(int i = 10; i >= 1; i--){
    System.out.println("5x" + i + "=" + i*5);
    // 5x10=50
}
```