$\underline{\text{char '0' = int \ datatype}}$
$\quad\quad\quad\quad \hookrightarrow \underline{48}$
$\quad\quad\quad\quad\quad\quad\quad\quad\quad\quad\quad\quad = 0$

int value = char $\underline{'1'}$; $\quad\quad\quad\quad$ `2`

$\quad\quad\quad\quad\quad\quad\quad\quad\quad\quad\quad\quad\quad\quad\quad$ ①

value = 49

value -= 48

$\quad\quad$ ① $\quad\quad\quad$ int value $= \underline{1}$;

$\quad\quad\quad\quad\quad\quad\quad$ char c = value + 48

$\quad\quad\quad\quad$ str = "Aabccbdef" lowercase

✓ for(int $\underline{i=0}$; i < str.length() ; i++) lowercase

{ int count = 1 ;

$\quad$ curr_char = str[i] ; aaabbbccd
$\quad\quad\quad\quad\quad\quad\quad\quad\quad\quad\quad\quad$ 0 1 2 3

✗ for(int $\underline{j = i+1}$; j < str.length() i j++)

{ if(str[j] == curr_char) count++;

$\quad$ (else break;)

}

cout << curr_char << count << endl;

$\quad i = j - 1 ;$

}

= "Aabccbdef"

26 diff types of character

↳ ① smaller case.
(a-z)

" aabccbdef " ✓

arr[26] = {2, 2, 2, 1, 1, 1, 0, 0, 0 ..... 0} arr[0] =
Array   int arr[26] = {0};

occurence of char 'a'

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

int index = str[i] - 97 ;

arr[index] ++ ;

arr[1] = occf char 'b'.

arr[25] = occ of char 'z'.

}

print out array ;
{0, 0, 0 ..... } index = 0

index = 0

~~arr[0] = 1~~

index = 1

arr[0] = 2 → {2, 0, 0 . ---- }

arr (1) = 1 =) {2, 1, 0 ---- }

{2, 1, 1, 0, 0, ---- }

{2, 1, 2, 0, 0 ---- }

$$\{2, 2, 2, 0, 0 \dots\}$$

| we have the |

sorting $\longrightarrow$ in-built fnes.

* Revise the
* Submit

pow(2

$\Gamma \quad :) \quad 10$