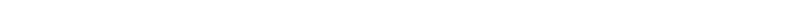
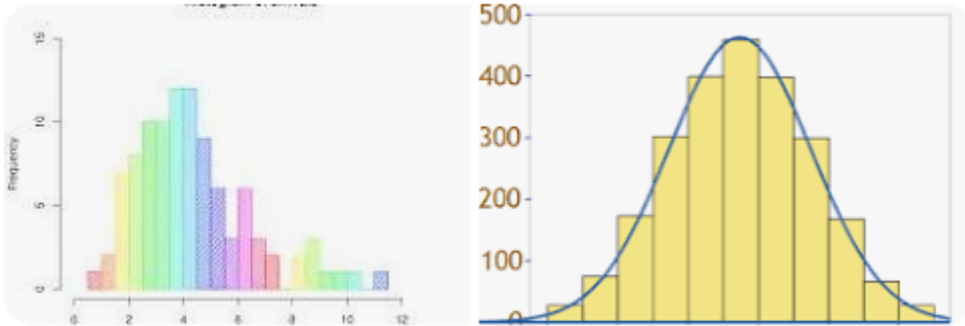
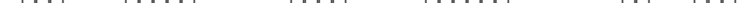


1.6.1. 2







* 



1               

```
#include <stdio.h>

#define IN 1
#define OUT 0
#define UPPER 10


int main(){
    int c, i;
    int ndigit[30];
    int wordLength = 0;
    int state;


    /*  00 0000 000 000000; 00 000 000000; */
```

```

for (i = 0; i < UPPER; ++i){
    ndigit[i] = 0;
}

state = IN;
while ((c = getchar()) != EOF){
    if (state == IN && c != '\n' && c != '\t' && c != ' '){
        ++wordLength;
    }
    else {
        ++ndigit[wordLength];
        wordLength = 0;
        state = OUT;
    }
}

printf("단어 길이 1인 단어의 갯수: %d\n", ndigit[1]);
}

```

단어 길이 1인 단어의 갯수: 6

● Active code page: 65001

```

a
a
a
a a a
^Z

```

단어의 길이가 1인 단어의 갯수는 6

* 터미널이 작업에서 다시 사용됩니다. 닫으려면 아무 키나 누르세요.

단어 길이 1인 단어의 갯수: 6

```

#include <stdio.h>

#define IN 1
#define OUT 0
#define UPPER 10

int main(){

```


65	0x41	A	97	0x61	a
66	0x42	B	98	0x62	b
67	0x43	C	99	0x63	c
68	0x44	D	100	0x64	d
69	0x45	E	101	0x65	e
70	0x46	F	102	0x66	f
71	0x47	G	103	0x67	g
72	0x48	H	104	0x68	h
73	0x49	I	105	0x69	i
74	0x4A	J	106	0x6A	j
75	0x4B	K	107	0x6B	k
76	0x4C	L	108	0x6C	l
77	0x4D	M	109	0x6D	m
78	0x4E	N	110	0x6E	n
79	0x4F	O	111	0x6F	o
80	0x50	P	112	0x70	p
81	0x51	Q	113	0x71	q
82	0x52	R	114	0x72	r
83	0x53	S	115	0x73	s
84	0x54	T	116	0x74	t
85	0x55	U	117	0x75	u
86	0x56	V	118	0x76	v
87	0x57	W	119	0x77	w
88	0x58	X	120	0x78	x
89	0x59	Y	121	0x79	y
90	0x5A	Z	122	0x7A	z

int main()
 {
 int c, i;
 int ndigit[26];
 int text;
 int word;

 for (i = 0; i < 26; ++i)
 ndigit[i] = 0;

 while((c = getchar()) != EOF)
 printf("%d\n", c);
 }

```
}  
  
}
```

Enter a character .

```
○ Active code page: 65001  
a  
97  
10  
[
```

a has ascii 97, Enter has 10.

ndigit[0] to ndigit[25] are initialized to 0. ndigit[97] is 1.

while loop reads characters until EOF. If character is between 97 and 122, it prints the index and increments ndigit.

```
while((c = getchar()) != EOF){  
    if(c >= 97 && c <= 122){  
        c = c - 'a';  
        printf("%d\n", c);  
        ndigit[c]++;  
    }  
}
```

if ndigit[i] > 0, print the character and its count.

```
#include <stdio.h>  
  
int main(){  
    int c, i, e;  
    int ndigit[26];  
    int index;  
    int range;  
    int alphabet;  
    /* Initialize ndigit array to 0 */  
  
    for (i = 0; i < 26; ++i){  
        ndigit[i] = 0;  
    }  
}
```

}

```
문제 해결 디버그 콘솔 터미널 포스트
```

```
● Active code page: 65001
aaaabbbbcccc aabababab ababab
abab
ab
ababa
cccccccccccccccccccccccccccccccccccc
^Z

[97]=====
[98]=====
[99]=====
[100]
[101]
```



Revision #3

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