

백준문제풀이 3회차

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1. 백준 2675번

1. C

```
#include <stdio.h>

int main()
{
    int testcase = 0;
    int repeat = 0;
    char string[21] = { 0 };

    scanf("%d", &testcase);

    for(int i = 0; i < testcase; i++)
    {
        scanf("%d %s", &repeat, string);
        int j = 0;
        while(string[j] != '\0')
        {
            for(int k = 0; k < repeat; k++)
            {
                printf("%c", string[j]);
            }
            j++;
        }
        printf("\n");
    }
    return 0;
}
```

2. 백준 1152번

1. C

```
#include <stdio.h>

int main(void)
{
    char input_string[1000000] = { 0 };
    gets(input_string);
    int blanknum = 1;
    int i = 0;
```

```

if(input_string[0] == ' ')
    i++;

```

```

while (input_string[i] != '\0')
{
    if (input_string[i] == ' ')
        blanknum++;
    i++;
}

if (input_string[i - 1] == ' ')
    printf("%d", blanknum - 1);
else
    printf("%d", blanknum);

return 0;
}

```

3. 백준 1157번

1. C

```

#include <stdio.h>

int main(void)
{
    char string[1000000] = { 0 };
    int alphabet_num[32] = { 0 };
    int maxnum = 0;
    int maxnum_index = 0;
    int flag = 0;
    int i = 0;

    gets(string);
    while (string[i] != '\0')
    {
        if (string[i] >= 'a' && string[i] <= 'z')
            alphabet_num[string[i] - 'a']++;
        else
            alphabet_num[string[i] - 'A']++;
        i++;
    }

    for (int j = 0; j < sizeof(alphabet_num) / sizeof(int); j++)
    {
        if (maxnum < alphabet_num[j])
        {
            maxnum = alphabet_num[j];
            maxnum_index = j;
            flag = 0;
        }
        else if (maxnum == alphabet_num[j])
            flag = 1;
    }
}

```

```

    if (flag == 0)
        printf("%c", maxnum_index + 'A');
    else
        printf("?");

    return 0;
}

```

4. 백준 1316번

1. C

```

#include <stdio.h>

int main(void)
{
    int testnum = 0;
    scanf("%d", &testnum);
    getchar();
    char string[101] = { 0 };
    char temp = 0;
    int group_word_num = 0;

    int i = 0;

    for (int i = 0; i < testnum; i++)
    {
        int alphabet_temp[32] = { 0 };
        int flag = 0;
        gets(string);
        //puts(string);
        int j = 1;
        temp = string[0];
        alphabet_temp[temp - 'a']++;
        while (string[j] != '\0')
        {
            if (temp != string[j])
            {
                temp = string[j];
                alphabet_temp[temp - 'a']++;
            }
            j++;
        }
    }
}

```

```

    }
    for (int k = 0; k < 32; k++)
    {
        if (alphabet_temp[k] ≥ 2)
        {
            flag = 1;
            break;
        }
    }
    if (flag == 0)
        group_word_num++;
}

printf("%d", group_word_num);
return 0;
}

```

5. 백준 25083번

1. C

```

#include <stdio.h>

int main(void)
{
    printf("      ,r'\n");
    printf("r`- _ , ' ,/\n");
    printf(" \\. \". L_r'\n");
    printf(" `~\\\n");
    printf("   |\n");
    printf("   |\n");

    return 0;
}

```

6. 백준 3003번

1. C

```
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <math.h>

int main(void)
{
    int chess[6];
    int realchess[6] = { 1,1,2,2,2,8 };
    for (int i = 0; i < 6; i++)
    {
        scanf("%d", &chess[i]);
        chess[i] = realchess[i] - chess[i];
        printf("%d ", chess[i]);
    }

    return 0;
}
```

7. 백준 2444번

1. C

```
#include <stdio.h>

int main(void)
{
    int input = 0;
    scanf("%d", &input);
    for (int i = 0; i < input; i++)
    {
        for (int j = 1; j < input - i; j++)
        {
            printf(" ");
        }
        for (int k = 0; k < i * 2 + 1; k++)
        {
            printf("*");
        }
        printf("\n");
    }
}
```

```
for (int i = 1; i < input; i++)
{
    for (int j = 0; j < i; j++)
    {
        printf(" ");
    }
    for (int k = 0; k < input * 2 - i * 2 - 1; k++)
    {
        printf("*");
    }
    printf("\n");
}
return 0;
}
```

8. 백준 10988번

1. C

```
#include <stdio.h>
#include <string.h>

int main(void)
{
    int is_felin = 1;
    char string[100] = { 0 };
    gets(string);
    int len = strlen(string);

    for (int i = 0; i < len / 2; i++)
    {
        if (string[i] != string[len - i - 1])
        {
            is_felin = 0;
            break;
        }
        is_felin = 1;
    }
    printf("%d", is_felin);
    return 0;
}
```

9. 백준 2941번

1. C

```
#include <stdio.h>
#include <string.h>

int kroa(char *input)
{
    int kroanum = 0;
    char *ptr = NULL;

    ptr = strstr(input, "c=");
    if (ptr != NULL)
    {
        kroanum++;
    }
    while (ptr != NULL)
    {
        ptr = strstr(ptr + 1, "c=");
        if (ptr != NULL)
        {
            kroanum++;
        }
    }
}
```

```

ptr = strstr(input, "c-");
if (ptr != NULL)
{
    kroanum++;
}
while (ptr != NULL)
{
    ptr = strstr(ptr + 1, "c-");
    if (ptr != NULL)
    {
        kroanum++;
    }
}

```

```

ptr = strstr(input, "dz=");
if (ptr != NULL)
{
    kroanum++;
}
while (ptr != NULL)
{
    ptr = strstr(ptr + 1, "dz=");
    if (ptr != NULL)
    {
        kroanum++;
    }
}

```

```

ptr = strstr(input, "d-");
if (ptr != NULL)
{
    kroanum++;
}
while (ptr != NULL)
{
    ptr = strstr(ptr + 1, "d-");
    if (ptr != NULL)
    {
        kroanum++;
    }
}

```

```

ptr = strstr(input, "lj");
if (ptr != NULL)
{
    kroanum++;
}
while (ptr != NULL)
{
    ptr = strstr(ptr + 1, "lj");
    if (ptr != NULL)
    {
        kroanum++;
    }
}

```

```

ptr = strstr(input, "nj");
if (ptr != NULL)
{
    kroanum++;
}
while (ptr != NULL)
{
    ptr = strstr(ptr + 1, "nj");
    if (ptr != NULL)
    {
        kroanum++;
    }
}

```

```

ptr = strstr(input, "s=");
if (ptr != NULL)
{
    kroanum++;
}
while (ptr != NULL)
{
    ptr = strstr(ptr + 1, "s=");
    if (ptr != NULL)
    {
        kroanum++;
    }
}

```

```

ptr = strstr(input, "z=");
if (ptr != NULL)
{
    kroanum++;
}
while (ptr != NULL)
{
    ptr = strstr(ptr + 1, "z=");
    if (ptr != NULL)
    {
        kroanum++;
    }
}

return kroanum;
}

int main(void)
{
    int minus = 0;
    char input[100] = { 0 };
    gets(input);

    minus = kroa(input);
    printf("%d", (strlen(input) - minus));

    return 0;
}

```


10. 백준 25206번

1. C

```
#include <stdio.h>
#include <string.h>

int main(void)
{
    double score = 0.0;
    int sum = 0;
    char string[100] = { 0 };
    int len = strlen(string);
    for (int i = 0; i < 20; i++)
    {
        gets(string);
        int j = 0;
        while(string[j] != ' ')
            j++;
        j++;
        int temp = string[j] - 48;
        sum = sum + temp;
        j += 4;
    }
```

```
        if (string[j] == 'P')
        {
            sum = sum - temp;
            continue;
        }
        if (strncmp(&string[j], "A+", 2) == 0)
            score += 4.5 * temp;
        else if (strncmp(&string[j], "A0", 2) == 0)
            score += 4.0 * temp;
        else if (strncmp(&string[j], "B+", 2) == 0)
            score += 3.5 * temp;
        else if (strncmp(&string[j], "B0", 2) == 0)
            score += 3.0 * temp;
        else if (strncmp(&string[j], "C+", 2) == 0)
            score += 2.5 * temp;
        else if (strncmp(&string[j], "C0", 2) == 0)
            score += 2.0 * temp;
        else if (strncmp(&string[j], "D+", 2) == 0)
            score += 1.5 * temp;
        else if (strncmp(&string[j], "D0", 2) == 0)
            score += 1.0 * temp;
        else if (strncmp(&string[j], "F", 1) == 0)
            score += 0.0;
    }
    printf("%lf", score / sum);
    return 0;
}
```