Rearrange c code

input

```
                    #include <stdio.h>
#include <stdlib.h>
      #include <string.h>
int main()
{char i_code[20000];int i,j,length,spaces=3;
      int pracet=0;
    printf("Enter your code !\n\n");
                    scanf("%[^\t]s",i_code);    length = strlen(i_code);
for(i=0;              i<length;    i++)
      {
           if(i_code[i]<=32) //    &%#@!$#$@^%&%^;llkj
{ continue;
}
}return 0;
}
```

output

```
#include<stdio.h>
#include<stdlib.h>
#include<string.h>
int main()
{
        char i_code[20000];
        int i,j,length,spaces=3;
        int pracet=0;
        printf("Enteryourcode!\n\n");
        scanf("%[^\t]s",i_code);
        length=strlen(i_code);
        for(i=0;i<length;i++)
        {
                if(i_code[i]<=32)//&%#@!$#$@^%&%^;llkj
                {
                        continue;
                }
        }
        return 0;
}
```

```c
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
void print(char c);
void new_line();
    char code[20000];
    char last_char='a';
    int i,j,length,spaces=0;
    int pracet=0;
    int in_pracet=0;
    int after_comm=0;
int main()
{
    printf("Enter your code and press tab then enter : \n\n");
    scanf("%[^\t]s",code);
    length = strlen(code);
    printf("_____\n");
    printf("your arranged code : \n\n");

     for(i=0;i<length;i++)
         {
             if(code[i]=='\n'&& after_comm==1)
             {
                 after_comm=0;
                 new_line();
             }
              else if( code[i]<= 32 )
             { continue;      }
             else if (code[i]=='#' && in_pracet==0 && after_comm==0)
             {
                 new_line();
                 print('#');
             }
             else if ( (code[i]=='i' &&code[i+1]=='n'&&code[i+2]=='t'&&code[i+3]==' ' )
                          ||(code[i]=='i' &&code[i+1]=='n'&&code[i+2]=='t'&&code[i+3]=='\n'))
             {
                 new_line();
                 print('i');print('n');print('t');print(' ');
                 i=i+3; }
                else else if ( (code[i]=='c' &&code[i+1]=='h'&&code[i+2]=='a'&&code[i+3]=='r'&&code[i+4]==' ' )
                          ||(code[i]=='c' &&code[i+1]=='h'&&code[i+2]=='a'&&code[i+3]=='r'&&code[i+4]=='\n'))
             {
                 new_line();
                 print('c');print('h');print('a');print('r');print(' ');
                 i=i+4; }
                 else if ( (code[i]=='r' &&code[i+1]=='e'&&code[i+2]=='t'&&code[i+3]=='u'&&code[i+4]=='r'&&code[i+5]=='n'
&&code[i+6]==' ')
                             ||(code[i]=='r' &&code[i+1]=='e'&&code[i+2]=='t'&&code[i+3]=='u'&&code[i+4]=='r'&&code[i+5]=='n'
&&code[i+6]=='\n'))
             {
                 new_line();
                 print('r');print('e');print('t');print('u');print('r');print('n');print(' ');
                 i=i+6;}

             else if ( (code[i]=='v' &&code[i+1]=='o'&&code[i+2]=='i'&&code[i+3]=='d'&&code[i+4]==' ' )
                          ||(code[i]=='v' &&code[i+1]=='o'&&code[i+2]=='i'&&code[i+3]=='d'&&code[i+4]=='\n'))
             {
                 new_line();
                 print('v');print('o');print('i');print('d');print(' ');
                 i=i+4;
             }
```

```c
            else if ( (code[i]=='e' &&code[i+1]=='l'&&code[i+2]=='s'&&code[i+3]=='e'&&code[i+4]==' ' )
                      ||(code[i]=='e' &&code[i+1]=='l'&&code[i+2]=='s'&&code[i+3]=='e'&&code[i+4]=='\n'))
            {
                new_line();
                print('e');print('l');print('s');print('e');print(' ');
                i=i+4;
            }

            else if(code[i]==';' && in_pracet==0 && after_comm==0)
            {
                print(';');
                new_line();
            }

            else if(code[i]=='{' && in_pracet==0 && after_comm==0)
            {
                new_line();
                print('{');
                spaces++;
                new_line();
            }
            else if(code[i]=='}' && in_pracet==0 && after_comm==0)
            {
                spaces--;
                new_line();
                print('}');
                new_line();
            }

            else if(code[i]=='(' && after_comm==0)
            {
                print('(');
                pracet++;
                in_pracet=1;
            }
             else if(code[i]==')' && after_comm==0)
            {
                print(')');
                pracet--;
                if(pracet==0){ in_pracet=0;}
            }
            else if(code[i]=='/'&&code[i+1]=='/')
            {
                after_comm=1;
                print('/');
            }

            else
            { print(code[i]); }
    }
        return 0;
}
void new_line()
{
    if(last_char=='\n'){ printf("\r"); for(j=0;j<spaces;j++){printf("\t");}}
     else{print('\n'); for(j=0;j<spaces;j++){printf("\t");}}
}
void print(char c)
{
     last_char=c;
     printf("%c",c);
}
```