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Exp No:03

Exp Name:Remove Tab and Extra White Space from a source code file.

Code:

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

int main()
{
    FILE *fp1, *fp2;
    char c;

    fp1=fopen("input_file.txt","r");
    fp2=fopen("rwrite.txt","w");

    while((c=fgetc(fp1))!=EOF)
    {

        if((c == ' ')||(c == '\t')){
            fputc(c,' ',fp2);
        }else{
            fputc(c,fp2);
        }

        if((c == ' ')||(c == '\t')){

            while(((c=fgetc(fp1)) == ' ')||(c=='\t'))
            {

            }

            if((c == ' ')||(c == '\t')){
                fputc(c,' ',fp2);
            }else{
                fputc(c,fp2);
            }
        }
    }
}
```

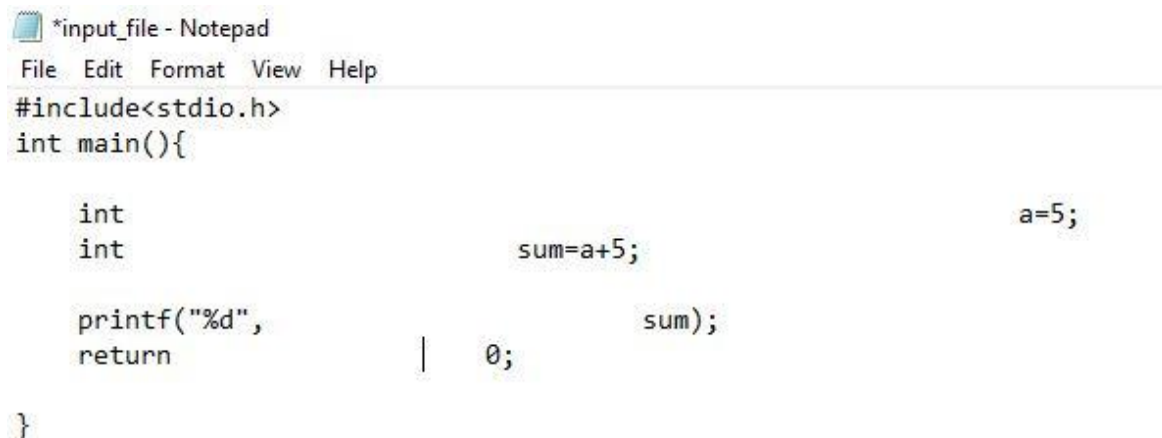
```

    }
}

fclose(fp1);
fclose(fp2);
printf("\n");
return 0;
}

```

Input File : Where added extra white space with tab



```

*input_file - Notepad
File Edit Format View Help
#include<stdio.h>
int main(){

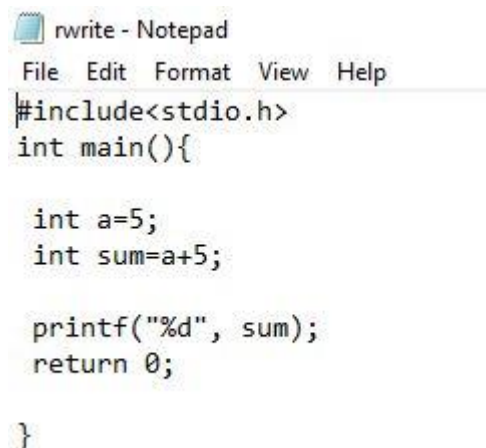
    int                                     a=5;
    int                                     sum=a+5;

    printf("%d",                               sum);
    return                                     | 0;

}

```

Output: Remove all extra space and tab



```

rwrite - Notepad
File Edit Format View Help
#include<stdio.h>
int main(){

    int a=5;
    int sum=a+5;

    printf("%d", sum);
    return 0;

}

```

Discussion:

Take an input file input_file.txt for extra space and tab code.

Taken a while loop for travers to end of file.

Then check space and tab character by character .

Find any extra tab and white space then remove it and it put r.write file