

4. Write a program to print file details including owner access permissions, file access time, where file name is given as argument.

```
#include<stdio.h>
#include<sys/stat.h>
#include<time.h>
int main(int argc,char*argv[])
{
    int i;
    struct stat buffer;

    for(i=1;i<argc;i++)
    {
        printf("\n\nfile=%s\n",argv[i]);
        if(stat(argv[i],&buffer)<0)
            printf("Error in File Started");
        else
        {
            printf("Owner=%d\ngid=%d\n",buffer.st_uid,buffer.st_gid);
            printf("Access Permission=%d\n",buffer.st_mode);
            printf("Access Time=%ld\n",buffer.st_atime);
        }
    }
}
```

OUTPUT:

```
clang version 7.0.0-3~ubuntu0.18.04.1 (tags/RELEASE_700/final)  
g++ -o main Q4.cpp &&./main Q4.cpp
```

```
file=Q4.cpp  
Owner=1000  
gid=1000  
Access Permission=33188  
Access Time=1601735684  
✚ █
```