

**“AZƏRBAYCAN HAVA YOLLARI” CJSC NATIONAL AVIATION ACADEMY**

**Individual Work № 6:**

**Topic: C program to get the system information**

**Subject: System software and Operating systems-2**

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**Baku 2022**

C Program to get the system information. We can use the [‘uname’](http://www.chemie.fu-berlin.de/chemnet/use/info/libc/libc_26.html) function to get the system information, which is defined in the [“sys/utsname.h”](http://www.chemie.fu-berlin.de/chemnet/use/info/libc/libc_26.html) library.Structure is used to hold information returned by the uname function.  
“uname” function members and their use:  
**sysname** returns the name of the operating system in use.  
**release** returns the current release level of the operating system implementation.  
**version** returns the current version level within the release of the operating system.  
**machine** is the description of the type of hardware that is in use.  
Read more about [C Programming Language.](http://c-faq.com/~scs/cclass/notes/top.html)

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#include<sys/utsname.h> /\* Header for 'uname' \*/  
  
main()  
{  
 struct utsname uname\_pointer;  
  
 uname(&uname\_pointer);  
  
 printf("System name - %s n", uname\_pointer.sysname);  
 printf("Nodename - %s n", uname\_pointer.nodename);  
 printf("Release - %s n", uname\_pointer.release);  
 printf("Version - %s n", uname\_pointer.version);  
 printf("Machine - %s n", uname\_pointer.machine);  
 printf("Domain name - %s n", uname\_pointer.domainname);  
}