

```
/*fork()*/
```

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

```
#include <unistd.h>
```

```
int main( void ) {
```

```
    int pid = fork();
```

```
    if ( pid == 0 ) {
```

```
        printf( "This is being printed from the child process\n" );
```

```
    } else {
```

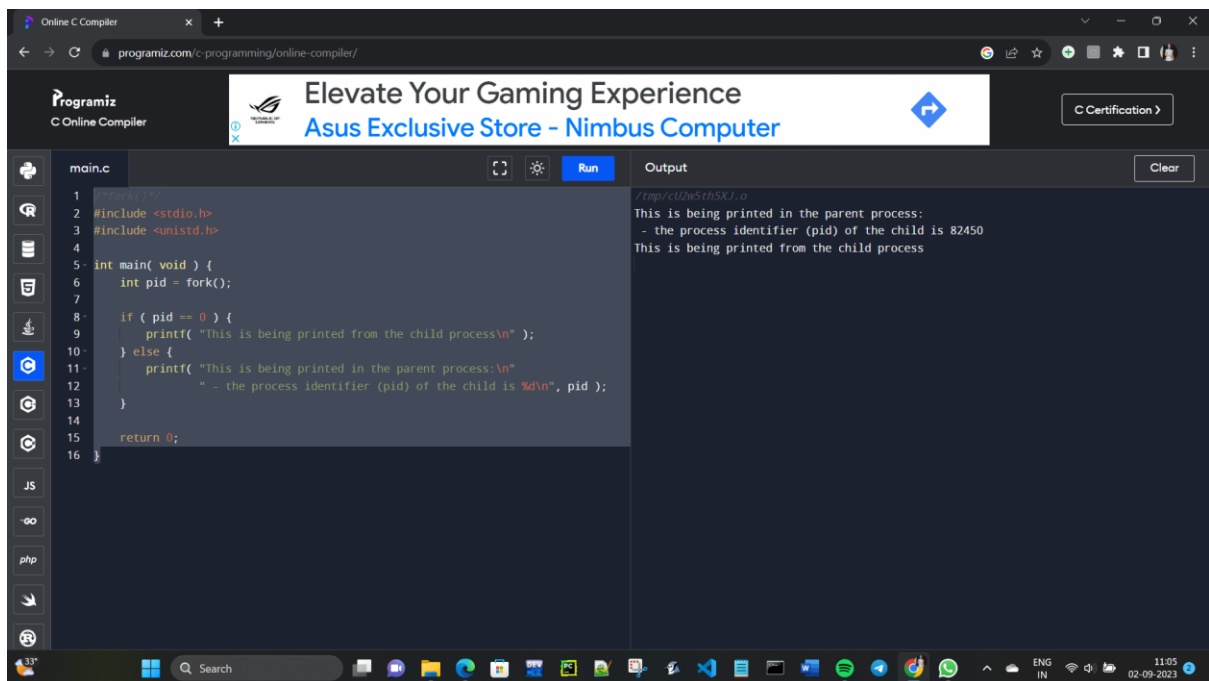
```
        printf( "This is being printed in the parent process:\n"
```

```
            " - the process identifier (pid) of the child is %d\n", pid );
```

```
    }
```

```
    return 0;
```

```
}
```



The screenshot shows a web browser window with the URL programiz.com/c-programming/online-compiler/. The page features a header with the Programiz logo and a banner for "Elevate Your Gaming Experience" from the "Asus Exclusive Store - Nimbus Computer". Below the header, there is a "C Certification" button. The main area is divided into two panels: a code editor on the left and an output window on the right. The code editor shows the following C program:

```
1 #include <stdio.h>
2 #include <unistd.h>
3
4
5 int main( void ) {
6     int pid = fork();
7
8     if ( pid == 0 ) {
9         printf( "This is being printed from the child process\n" );
10    } else {
11        printf( "This is being printed in the parent process:\n"
12              " - the process identifier (pid) of the child is %d\n", pid );
13    }
14
15    return 0;
16 }
```

The output window displays the following text:

```
/tmp/cU2w5thSK1.o
This is being printed in the parent process:
- the process identifier (pid) of the child is 82450
This is being printed from the child process
```

The bottom of the screenshot shows a Windows taskbar with various application icons and a system tray displaying the date and time as 02-09-2023 11:05.