

WEEK -1

1. Problem Statement: Write a C program to implement a single fork function call.

Code:

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

int main (){   fork();   printf
("Single Fork \n");   return
0;
}
```

OUTPUT

```
Single Fork  
...Program finished with exit code 0
```

2. Problem Statement: Write a C program that demonstrates the use of multiple fork function calls.

Code:

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

int main (){   fork();
printf ("Linux \n");
fork();  printf ("Unix
\n");  fork();  printf
("Redhat \n");
return 0;
}
```

OUTPUT

```
Linux  
Linux  
Unix  
Unix  
Redhat  
Redhat  
Redhat  
Unix  
Redhat  
Redhat  
Unix  
Redhat  
Redhat  
Redhat  
...Program finished with exit code 0
```