

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

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

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

```
int main(){
```

```
    int f_val=fork();
```

```
    if(f_val==0){
```

```
        printf("this is being printed from child\n");
```

```
    }
```

```
    else{
```

```
        printf("this is being printed from parent, fork return value:%d\n",f_val);
```

```
    }
```

```
    return 0;
```

```
}
```

The screenshot shows a web browser window with the URL `tutorialspoint.com/compile_c_online.php`. The page title is "Online C Compiler". The interface includes a code editor on the left and a terminal on the right. The code in the editor is a C program that uses `fork()` to create a child process. The terminal output shows the parent process printing "this is being printed from parent, fork return value:364289" and then the child process printing "this is being printed from child".

```
1  /*fork()*/
2  #include<stdio.h>
3  #include<unistd.h>
4
5  int main(){
6      int f_val=fork();
7
8      if(f_val==0){
9          printf("this is being printed from child\n");
10     }
11     else{
12         printf("this is being printed from parent, fork return value:%d\n",f_val);
13     }
14     return 0;
15 }
```

Terminal Output:

```
this is being printed from parent, fork return value:364289
this is being printed from child
```

On the right side of the terminal, there is an advertisement for "Free Writing Assistant" by Grammarly, which includes a green circular logo and text encouraging users to write confidently.