

```
/* Function example fun24.F2003.c - Passing Pointer */  
/* Change value in function */
```

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

```
void fred( int * ptr );
```

```
main( )  
{  
    int x = 7;  
  
    fred ( &x );  
  
    printf( "New value of x is %d \n", x );  
}
```

```
void fred( int * ptr )          /* address of x is passed to ptr */  
{  
    printf( "x in function is %d \n", *ptr );  
  
    *ptr = 8;                  /* *ptr (dereferenced ptr) is x */  
}
```