

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

```
void fprime(unsigned int nb)
```

```
{
    unsigned    i;

    if (nb == 1)
        printf("1");
    else
    {
        i = 1;
        while (nb > 1)
        {
            if (nb % ++ i == 0)
            {
                printf("%d", i);
                nb /= i;
                if (nb > 1)
                    printf("*");
                --i;
            }
        }
    }
}
```

```
int main(int ac, char **av)
```

```
{
    if (ac == 2 && *av[1])
        fprime(atoi(av[1]));
    printf("\n");
    return (0);
}
```