

```

int ft_isblank(char c)
{
    if (c <= 32)
        return (1);
    return (0);
}

int ft_isvalid(char c, int base)
{
    char digits[17] = "0123456789abcdef";
    char digits2[17] = "0123456789ABCDEF";

    while (base-->0)
        if (digits[base] == c || digits2[base] == c)
            return (1);
    return (0);
}

int ft_value_of(char c)
{
    if (c >= '0' && c <= '9')
        return (c - '0');
    else if (c >= 'a' && c <= 'f')
        return (c - 'a' + 10);
    else if (c >= 'A' && c <= 'F')
        return (c - 'A' + 10);
    return (0);
}

int ft_atoi_base(const char *str, int str_base)
{
    int result = 0;
    int sign;
    while (ft_isblank(*str))
        str++;
    sign = (*str == '-') ? -1 : 1;
    (*str == '-' || *str == '+') ? ++str : 0;
    while (ft_isvalid(*str, str_base))
        result = result * str_base + ft_value_of(*str++);
    return (result * sign);
}

```