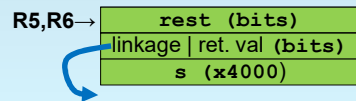


Calling `print_reverse` (Call Depth 2)

call depth 1 ■
`p_r ("Now")`

call depth 2 ■
`p_r ("ow")` ← What is the argument?

The `o` is at `x4001`.

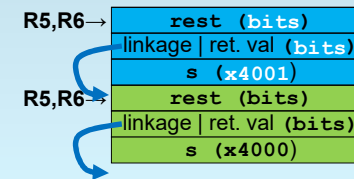


Stack Frame for `print_reverse` (Call Depth 2)

call depth 1 ■
`p_r ("Now")`

call depth 2 ■
`p_r ("ow")`

What are the values
when the function starts?



What Happens First?

```
int32_t print_reverse(const char* s)
{
    int32_t rest;
    if ('\0' == *s) { Check for NUL.
        return 0;
    }
    rest = print_reverse (s + 1);
    printf ("%c", *s);
    return (rest + 1);
}
```

Have We Found a NUL?

call depth 1 ■
`p_r ("Now")`

What is `s`? x4001

call depth 2 ■
`p_r ("ow")`

Why not `x4000`?

s is relative to `R5`.

What is stored
at `x4001`?

'o'

