

Before

prompt:
a s h e 2 8 & 2 k k ;) j 2 ; 0 J

buffer:
d Z

Call

strncpy(prompt, "Enter value ", 13);

After

prompt:
E n t e r v a l u e _ 2 ; 0 J

buffer:
d Z

prompt:
E n t e r v a l u e _ 2 ; 0 J

buffer:
d Z

sprintf(buffer, "%d", (i + 1) % 100);

prompt:
E n t e r v a l u e _ 2 ; 0 J

buffer:
1 _ Z

prompt:
E n t e r v a l u e _ 2 ; 0 J

buffer:
1 _ Z

strncat(prompt, buffer, 2);

prompt:
E n t e r v a l u e 1 _ ; 0 J

buffer:
1 _ Z

prompt:
E n t e r v a l u e 1 _ ; 0 J

buffer:
1 _ Z

strncat(prompt, ": ", 2);

prompt:
E n t e r v a l u e 1 : _ J

buffer:
1 _ Z