

CSCI 3330: Format Strings by Hand

What do the following code samples print?

1.

```
int a;  
printf("howdy%n there\n", &a);  
printf("%d\n", a);
```
2.

```
printf("%.4x\n", 1);
```
3.

```
printf("%.1000x\n", 0);
```
4.

```
int a, b;  
printf("%.1000x%n%.1000x%n\n", 0, &a, 0, &b);  
printf("%d %d\n", a, b);
```
5.

```
printf("%2$x %1$x\n", 5, 9);
```
6.

```
printf("%2$.4x %1$.4x\n", 3, 7);
```