Programming and numerical analysis

Short test 1

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1. Initialize a pointer to a data type of your choice as NULL, and then print and discuss its value.

OUTPUT: 0x0

0x0 is the value of the NULL pointer.

2. Describe the action of the following statements:

```
float a[5];
float * pnt = a;
pnt = 3.5;
```

The first statement is declaration of array of float which makes 'a' a pointer.

The second statement assigns the address of array 'a' into pointer 'pnt'.

The last statement is trying to assign value 3.5 into pointer 'pnt' which causes an error.