

## C++ 2nd mandatory

### Task 2:

```
Char *line = nullptr;
```

The pointer 'line' is set to not point to anything, which is "null".

Strcpy/line

Here, memory is allocated for the pointer "line". Since we are trying to allocate memory for the pointer, but the pointer does not point to any location, we will encounter an error because it cannot allocate memory for a place that does not exist.

### Task 3:

```
char text[5];
char *pointer = text;
char search_for = 'e';
cin >> text;
while (*pointer != search_for) {
    *pointer = search_for;
    pointer++;
}
```

Here, you will encounter an error if you input a text that does not contain the letter "e". The program will access memory beyond the bounds of the text array. This can lead to undefined behavior in the program or cause it to crash.