

Question 1

Line 0: 0xef

Line 1: _____

Line 2: _____

Line 3: _____

Line 4: _____

Line 5: _____

Line 6: _____

Question 2

Below, tell me what's wrong with the program as written, and then fix it. You can cross out and add to the program that I have reproduced below:

```
#include <stdio.h>
#include <stdlib.h>
#include <string.h>

char *build_string(char **words,
                  int numwords)
{
    int i, rvsize;
    char *rv;

    rvsize = (numwords == 0) ? 1 : numwords;
    for (i = 0; i < numwords; i++) {
        rvsize += strlen(words[i]);
    }
    rv = (char *) malloc(sizeof(char)*rvsize);

    strcpy(rv, "");
    for (i = 0; i < numwords; i++) {
        if (i > 0) strcat(rv, " ");
        strcat(rv, strdup(words[i]));
    }
    return rv;
}
```