

9/10

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

```
int isPalindrome(char input[]);
```

```
int strlen(char s[]);
```

```
int main (int argc, char* argv[]){
```

```
    int i;
```

```
    if(argc<2){
```

```
        puts("You did not type anything after the executable!\n");
```

```
        return 1;
```

```
    }
```

```
    for(i = 1; i < argc; i++) {
```

```
        printf("arg %d: %s ", i, argv[i]);
```

```
        isPalindrome(argv[i]);
```

```
    }
```

```
    return(0);
```

```
}
```

```
int isPalindrome (char input[]){
```

```
    int i,j,bool;
```

```
    bool = 0;
```

```
    char copy[strlen(input)];
```

```
    for(i=0, j=strlen(input)-1; i<strlen(input);i++,j--){
```

```
        copy[j]=input[i];
```

```
    }
```

```
    for(i=0; i<strlen(input); i++){
```

```
        if(copy[i]!=input[i]){
```

```
            bool = 1;
```

```
        }
```

```
        else{
```

```
            bool = 0;
```

```
        }
```

```
    }
```

```
    if(bool==0){
```

```
        printf("is a palindrome\n");
```

```
    }
```

```
    else{
```

```
        printf("is not a palindrome\n");
```

```
    }
```

```
    return 0;
```

```
}
```

```
int strlen(char s[]){
```

```
    int i = 0;
```

```
    while(s[i]!='\0'){
```

```
        i++;
```

```
    }
```

```
    return i;
```

```
}
```

Print should be here, rather than
in the isPalindrome function

Can return 0 here, and avoid
checking the rest of the string.

In fact, if you use
died as the input,
the function will return
1 when it should return
0