

1000	fe,01,01,13	add sp,sp,-32
1004	00,11,2e,23	sw ra,28(sp)
1008	06,50,07,93	li a5,101
1012	00,f1,04,23	sb a5,8(sp)
1016	06,60,07,93	li a5,102
1020	00,f1,04,a3	sb a5,9(sp)
1024	06,70,07,93	li a5,103
1028	00,f1,05,23	sb a5,10(sp)
1032	00,01,04,23	sb zero,8(sp)
1036	00,81,07,93	add a5,sp,8
1040	00,07,85,13	mv a0,a5
1044	01,c0,00,ef	jal 1072
1048	00,a1,26,23	sw a0,12(sp)
1052	00,c1,27,83	lw a5,12(sp)
1056	00,07,85,13	mv a0,a5
1060	01,c1,20,83	lw ra,28(sp)
1064	02,01,01,13	add sp,sp,32
1068	00,00,00,67	ret
1072	fe,01,01,13	add sp,sp,-32
1076	00,a1,26,23	sw a0,12(sp)
1080	00,01,2e,23	sw zero,28(sp)
1084	01,c0,00,6f	j 1112
1088	01,c1,27,83	lw a5,_____
1092	00,17,87,93	add _____
1096	00,f1,2e,23	sw a5,_____
1100	00,c1,27,83	lw a5,_____
1104	00,17,87,93	add _____
1108	00,f1,26,23	sw a5,_____
1112	00,c1,27,83	lw a5,12(sp)
1116	00,07,c7,83	lbu a5,0(a5)
1120	fe,07,90,e3	bnez a5,1088
1124	01,c1,27,83	lw a5,28(sp)
1128	00,07,85,13	mv a0,a5
1132	02,01,01,13	add sp,sp,32
1136	00,00,00,67	ret
1140	00,00,00,00	
1144	00,00,00,00	
1148	00,00,00,00	
1152	00,00,00,00	
1156	00,00,00,00	
1160	00,00,00,00	
1164	00,00,00,00	
1168	00,00,00,00	
1172	00,00,00,00	
1176	00,00,00,00	
1180	00,00,00,00	
1184	00,00,00,00	
1188	00,00,00,00	

```

int main() {
    char name[4];

    // same as :
    // char name[4] = "efg"
    name[0] = 'e';
    name[1] = 'f';
    name[2] = 'g';
    name[3] = 0;

    int len = strlen(name);

    return len;
}

```

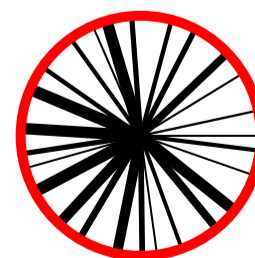
```

int strlen(char *s) {
    int l = 0;

    while(*s) {
        l++;
        s++;
    }

    return l;
}

```



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 file: code/l1-string-0.c