**Write a C program to create variable length arrays using alloca() system call.**

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

struct student{

int rollno;

int name\_len;

int struct\_size;

char name[0];

};

struct student\* createStudent(struct student\* s, int id,char a[])

{

s = alloca(sizeof(\*s) + sizeof(char) \* strlen(a));

s->rollno = id;

s->name\_len = strlen(a);

strcpy(s->name, a);

s->struct\_size = (sizeof(\*s) + sizeof(char) \* strlen(s->name));

return s;

}

void print(struct student\* s){

printf("Roll no: %d\t Name: %s\n",s->rollno, s->name);

}

main(){

struct student \*s1, \*s2,\*s3;

s1 = createStudent(s1,12,"Sayli");

print(s1);

s2 = createStudent(s2,45,"Rupali");

print(s2);

s3 = createStudent(s3,23,"Reshma");

// print(s1);

// print(s2);

print(s3);

}