// Write a function to print names of students whose grade is greater than 5 without UDF function

```c
#include <stdio.h>

struct str {
        int Roll_no;
        char Name[15];
        char Department[15];
        int Year_of_joining;
        int grade;
} arr[10];

int main() {
        int i, n;
        printf("Total students:");
        scanf("%d", &n);

        for (i = 0; i < n; i++) {
        printf("\n Enter the Details of student %d \n", i + 1);
        printf("Roll_no:");
        scanf("%d", &arr[i].Roll_no);
        printf("Name:");
        scanf("%14s", arr[i].Name); // Limit input to 14 characters to avoid buffer overflow
        printf("Department:");
        scanf("%14s", arr[i].Department); // Limit input to 14 characters to avoid buffer overflow
        printf("Year_of_joining:");
        scanf("%d", &arr[i].Year_of_joining);
        printf("Score:");
        scanf("%d", &arr[i].grade);
        }

        printf("\n Details of student who has Scored more than 5 \n");
        for (i = 0; i < n; i++) {
        if (arr[i].grade > 5) { // Corrected comparison
        printf("\n Student %d", i + 1);
        printf("\n Roll_no:%d", arr[i].Roll_no);
        printf("\n Name:%s", arr[i].Name);
        printf("\n Department:%s", arr[i].Department);
        printf("\n Year_of_joining:%d", arr[i].Year_of_joining);
        printf("\n Score:%d", arr[i].grade);
        }
        }
```

```
}
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struct str{
        int Roll_no;
        char Name[15];
        char Department[15];
        int Year_of_joining;
        int grade;
}arr[10];

void display(struct str arr[10]);

void main(){
        int i;
        for(i=0;i<3;i++){
        printf("\n Enter the Details of student %d \n",i+1);
        printf("Roll_no:");
        scanf("%d",&arr[i].Roll_no);
        printf("Name:");
        scanf("%s",&arr[i].Name);
        printf("Department:");
        scanf("%s",&arr[i].Department);
        printf("Year_of_joining:");
        scanf("%d",&arr[i].Year_of_joining);
        printf("Score:");
        scanf("%d",&arr[i].grade);
        }
        printf("\n Details of student who has grade more than 5 \n");
        display(arr); // Function Call
}
void display(struct str arr[10]){
```

```c
int i;
for(i=0;i<3;i++){
if(arr[i].grade>5){
printf("\n Details of Student %d",i+1);
printf("\n Roll_no:%d",arr[i].Roll_no);
printf("\n Name:%s",arr[i].Name);
printf("\n Department:%s",arr[i].Department);
printf("\n Year_of_joining:%d",arr[i].Year_of_joining);
printf("\n Score:%d",arr[i].grade);
} }
}
```