

```

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

struct students{
    int age, marks, id;
    char name[50];
};

int main(){
    int n;
    printf("Enter number of students\n");
    scanf("%d",&n);
    struct students s[n];

    for (int i=0;i<n;i++){
        printf("Enter name of student %d: ",i+1);
        scanf("%s",s[i].name);
        fflush(stdin);
        printf("Enter age of student %d: ",i+1);
        scanf("%d",&(s[i].age));
        printf("Enter marks of student %d: ",i+1);
        scanf("%d",&(s[i].marks));
        printf("Enter id of student %d: ",i+1);
        scanf("%d",&(s[i].id));
    }
    printf("\nQualified students:\n");
    printf("Sl.\tName\tMarks\tID\n");
    for(int i=0;i<n;i++){
        if(s[i].age>20 && s[i].marks>65 && s[i].marks<=100){
            printf("%d.\t%s\t",i+1,s[i].name);
            printf("%d\t%d\n",s[i].marks, s[i].id);
        }
    }
    return 0;
}

```

## Output:

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

Windows PowerShell

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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

```
PS D:\Prg data> cd "d:\Prg data\C&C++\Stack implementation\" ; if ($?) { gcc lab1prac.c -o lab1prac } ;
```

Enter number of students

4

Enter name of student 1: Sheila

Enter age of student 1: 23

Enter marks of student 1: 78

Enter id of student 1: 4419

Enter name of student 2: Abhinav

Enter age of student 2: 32

Enter marks of student 2: 54

Enter id of student 2: 9912

Enter name of student 3: Raghav

Enter age of student 3: 84

Enter marks of student 3: 99

Enter id of student 3: 2216

Enter name of student 4: Mukesh

Enter age of student 4: 32

Enter marks of student 4: 88

Enter id of student 4: 4672

Qualified students:

Sl.	Name	Marks	ID
1.	Sheila	78	4419
3.	Raghav	99	2216
4.	Mukesh	88	4672

```
PS D:\Prg data\C&C++\Stack implementation> █
```