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(Saathi)

① NAR to check eligibility of student :

After

A university wants to automate their admission process. Students are admitted based on marks scored in qualifying exams.

A student is identified by student id, age and marks in qualifying exams. Data are valid if

Age > 20

Marks is between 0 and 100.

A student qualifies exam if

- age and marks are valid
- marks is 65 or more

typed

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

```
int n;
```

```
typedef struct student
```

```
{ char name[50];
```

```
  char id[50];
```

```
  int age;
```

```
  int marks;
```

```
};
```

```
void read(std s[n])
```

```
{
    printf("Enter the detail of student\n");
```

```
    for(int i=0; i<n; i++)
```

```
    {
        printf("Enter the details of %d", i+1);
```

```
        printf("Enter the name\n");
```

```
        scanf("%s", &S[i].name);
```

```
        printf("Enter the id\n");
```

```
        scanf("%d", &S[i].id);
```

```
        printf("Enter the age of employee\n");
```

```
        scanf("%d", &S[i].age);
```

```
        printf("Enter the marks between 0 & 100\n");
```

```
        scanf("%d", &S[i].marks);
    }
}
```

```
void check_eligibility(std s[n])
```

```
{
    int count = 0;
```

```
    printf("****\n");
```

```
    printf("\n");
```

```
    printf("for eligibility student's age  
must be greater than 20  
and minimum marks  
must be 65\n");
```

```
    for(int i=0; i<n; i++)
```

```
    {
```

```
if (sci.age > 20 && sci.marks >= 65  
    && (sci.marks > 100)  
    && ! (sci.marks < 0))
```

```
printf("Student id is eligible\n", (i+1));
```

```
printf("His details\n");
```

```
printf("Name = %s\n", sci.name);
```

```
printf("Id of student is %d\n", sci.id);
```

```
printf("Age = %d\n", sci.age);
```

```
printf("Marks = %d\n", sci.marks);
```

```
printf("****\n");
```

```
printf("\n");
```

```
count++;
```

```
}
```

```
else
```

```
{
```

```
if (sci.age < 20)
```

```
printf("Student id is not eligible, his  
age is %d\n", (i+1), sci.age);
```

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```
if (sci7_marks < 65)
    printf("Student is not eligible as marks  

    , i+1, sci7_marks)
```

```

}
}
printf("Number of students eligible are: %d", count);
}

```

```

int main()
{
    printf("Enter the number of students: ");
    scanf("%d", &n);
    std sci7;
    read (s);
    check_eligibility(s);

    return 0;
}

```