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LAB-1

WAP for the below given scenario: A university wants to automate their admission process. Students are admitted based on the marks scored in a qualifying exam. A student is identified by student id, age and marks in qualifying exam. Data are valid, if: ● Age is greater than 20 ● Marks is between 0 and 100 (both inclusive) A student qualifies for admission, if ● Age and marks are valid and ● Marks is 65 or more Write a program to represent the students seeking admission in the university.

#include <stdio.h>

struct student

{

int id;

int age;

int marks;

};

int main()

{

struct student s[100];

int n,i;

printf("Enter the number of students\n");

scanf("%d",&n);

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

{

printf("Enter the id, age and marks of student %d\n",i+1);

scanf("%d %d %d",&s[i].id,&s[i].age,&s[i].marks);

if(s[i].age<20 || s[1].marks<0 || s[i].marks>100)

printf("Invalid data\n");

else if(s[i].marks>=65)

printf("Student is qualified for admission\nId:%d\nAge:%d\nMarks:%d\n",s[i].id,s[i].age,s[i].marks);

else

printf("Not elligible\n");

}

return 0;

}

