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<iostream.h> |
|  | #define SIZE 100 |
|  | struct student |
|  | { |
|  | int id; |
|  | int age; |
|  | int marks; |
|  | }; |
|  |  |
|  |  |
|  | void accept\_input( struct student s1); |
|  | { |
|  | printf("enter the id"); |
|  | scanf("%d",&s1.id); |
|  | printf("enter the age"); |
|  | scanf("%d",&s1.age); |
|  |  |
|  | printf("enter the marks"); |
|  | scanf("%d",&s1.marks); |
|  |  |
|  | } |
|  |  |
|  | void display\_output( struct student s1) |
|  | { |
|  | printf("sudent details are:\n"); |
|  | printf("ID - %d\t" s1.id); |
|  | printf("ID - %d\t" s1.age); |
|  | printf("ID - %d\n" s1.marks); |
|  | } |
|  |  |
|  | int main() |
|  | { |
|  | struct student s[SIZE]; |
|  | int no\_of\_students,i; |
|  |  |
|  | printf("Please enter no. of students") |
|  | scanf("%d",&no\_of\_students); |
|  | for(i=0;i<no\_of\_students;i++) |
|  | { |
|  | accept\_input(s[i]); |
|  | } |
|  |  |
|  | for(i=0;i<no\_of\_students;i++) |
|  | { |
|  | display\_output(s[i]); |
|  | } |
|  | for(i=0;i<n;i++) |
|  | { |
|  | if((s[i].age>20)&&(0<s[i].marks<=100)) |
|  | { |
|  | printf("Data is valid\n"); |
|  | { |
|  | if(s[i].marks>=65) |
|  | printf("Student qualifies for admission"); |
|  | } |
|  | else |
|  | { |
|  | printf("Data is invalid"); |
|  | } |
|  | return 0; |
|  | } |

