

DATA STRUCTURES - LAB

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1) WAP :

A university wants to automate admission process. A student is verified by student id, age and marks if :

→ Age is greater than 20.

→ Marks b/w 0 and 100.

Student qualifies if :

→ Age and marks are valid

→ Marks is 65 or more.

WAP to represent the students seeking admission.

- #include <iostream.h>

int main() {

int id, age, marks;

printf("Enter student id:\n");

scanf("%d", &id);

printf("Enter your age:\n");

scanf("%d", &age);

printf("Enter your marks in the qualifying exam:\n");

scanf("%d", &marks);

int i = 0;

if((age > 20) && (marks >= 0 && marks <= 100))

{

i = 1;

printf("Verification successful *\n");

}

else

printf("Student data is invalid\n");

exit(0);

if((i == 1) && (marks >= 65))

printf("You are qualified for admission\n");

else

printf("Sorry, you are not eligible for admission\n");

}