Aim: Write C++ program to create a class for student to get and print details of a student.
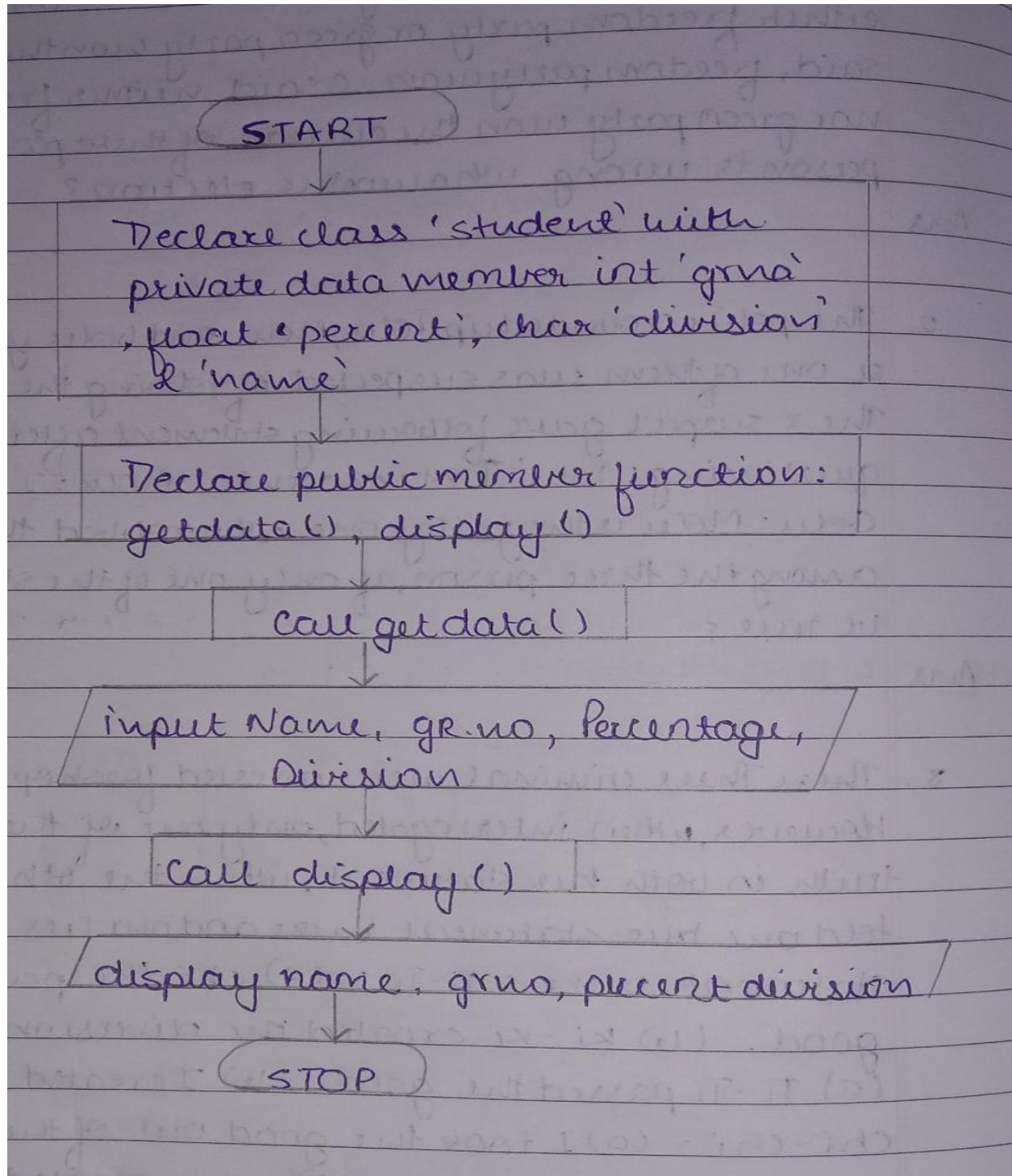
Objective: To get the details of a student

Flowchart:

Algorithm:

1. Start.
2. Declare the class 'Student' with integer data member 'grno', float 'percent', char 'division' & 'name' under private access specifier
3. Declare Member functions: 'getdata', 'display' under public access specifier.
4. Call the function getdata() and get the following data from user.
   - Name
   - GR. No.
   - Percentage
   - Division
5. Call the function display() and display the following data.
   - name
   - division
   - percent
   - GRN no.
6. Stop.

Program:

```cpp
# include<iostream>
using namespace std;

class student
{
    private:
    int grno;
    float percent;
    char division;
    char name[20];

    public:
    void getdata()
    {
        cout<<"Enter student details:"<<endl;
        cout<<"Enter Name:"<<endl;
        cin>>name;
        cout<<"Enter GR. No.:"<<endl;
        cin>>grno;
        cout<<"Enter Percentage:"<<endl;
        cin>>percent;
        cout<<"Enter Division:"<<endl;
        cin>>division ;
    }

    void display()
    {
        cout<<"DETAILS :-"<<endl;
        cout<<"Name:"<<name<<endl;
        cout<<"Division:"<<division<<endl;
        cout<<"Percentage:"<<percent<<endl;
        cout<<"GR. No. :"<<grno<<endl;
    }
};
int main()
{
    student s1;
    s1.getdata();
    s1.display();
    return 0;
}
```

Output:

```
Enter student details:
Enter Name:
Siddhesh
Enter GR. No.:
22110398
Enter Percentage:
96
Enter Division:
N
DETAILS :-
Name:Siddhesh
Division:N
Percentage:96
GR. No. :22110398
```

Conclusion:

With the help of a class student, user input values can be passed to objects of class and this property enables us to get and print details of a student.

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