

QUESTION:

Define a structure Student with following members:

Student :




int roll

float marks

Create a pointer to this structure and dynamically allocate a memory for this structure. Take input to the members of the structure by using the pointer and display the details.

ANSWER:

Code:

```
main.cpp   
1  #include <iostream>
2  using namespace std;
3
4  struct student {
5      int roll;
6      float marks;
7  };
8
9  int main() {
10     student *ptr, d;
11
12     ptr = &d;
13
14     cout << "Enter roll: ";
15     cin >> (*ptr).roll;
16     cout << "Enter marks: ";
17     cin >> (*ptr).marks;
18
19     cout << "Displaying the details." << endl;
20     cout << "student = " << (*ptr).roll << " roll " << (*ptr).marks << " marks";
21
22     return 0;
23 }
```

Output:

```
Output 
/tmp/SwkV4kse1q.o
Enter roll: 15
Enter marks: 90
Displaying the details.
student = 15 roll 90 marks
```