

Practical 3.(a)

Aim: Write a C++ program using classes and object Student to print name of the student, roll_no. Display the same.

Algorithm:(i)Start

(ii)class{....};

(iii)Main function

(iv)Print the result

(v)Stop

Theory:In this practical,we will see a C++ program using classes and object Student to print name of the student, roll_no. Display the same.

Program:

```
#include <iostream>
```

```
class Student
```

```
{
```

```
    private:
```

```
    char name[30];
```

```
    int rollNo;
```

public:

//member function to get student's details

void getDetails(void);

//member function to print student's details

void putDetails(void);

};

//member function definition,outside of the class

void Student::getDetails()

{

```
std::cout<<"Enter Name: ";
std::cin>>name;

std::cout<<"Enter Roll Number: ";
std::cin>>rollNo;
}

//member function definition,outside of the class
void Student::putDetails()
{
    std::cout<<"Student details:\n";
    std::cout<<"*****";
    std::cout<<"\nName:"<<name;
    std::cout<<"Roll Number: "<<rollNo;
}

int main()
{
    std::cout<<"08_Rabin Nadar\n";
    Student s;
    s.getDetails();
    s.putDetails();
```

```
return 0;  
}
```

Output:

```
Output Clear  
/tmp/Li40UDrvsb.o  
08_Rabin Nadar  
Enter Name: Rabin  
Enter Roll Number: 08  
Student details:  
*****  
Name:RabinRoll Number: 8
```

Conclusion:

We have successfully written the code and executed it.