OOP (Object Oriented Programming) Lab

LAB REPORT # 5

Semester: 2ndSemester

Section: C

Submitted To:

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Submitted By:

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Code :

```cpp
#include <iostream>

#include <string>


class JobApplicant

{

private:

    std::string name;

    std::string email;

    std::string phone;

    int yearsOfExperience;


public:

    JobApplicant(std::string name, std::string email, std::string phone, int yearsOfExperience)

        : name(std::move(name)), email(std::move(email)), phone(std::move(phone)),
yearsOfExperience(yearsOfExperience)

    {

    }
    const std::string &getName() const

    {

        return name;

    }


    const std::string &getEmail() const

    {

        return email;

    }


    const std::string &getPhone() const

    {

        return phone;

    }
```

```cpp
    int getYearsOfExperience() const

    {

        return yearsOfExperience;

    }

};


int main()

{


    JobApplicant applicant("SomeOne", "SomeOne@example.com", "555-1234", 5);



    std::cout << "Name: " << applicant.getName() << std::endl;

    std::cout << "Email: " << applicant.getEmail() << std::endl;

    std::cout << "Phone: " << applicant.getPhone() << std::endl;

    std::cout << "Years of experience: " << applicant.getYearsOfExperience() << std::endl;


    return 0;

}
```

Output :

```
Name: SomeOne
Email: SomeOne@example.com
Phone: 555-1234
Years of experience: 5
```