

Practical-6.(a)

Aim:Write a C++ program to maintain the records of person with details(Name and Age)and find the eldest among them.The program must use this pointer to return the result.

Algorithm:(i)Start

(ii)class(class_name)

(iii)public{...};void display{...};

(iv)Main function

(v)Print the result

(vi)Stop

Theory:In this practical,we will see a C++ program to maintain the records of person with details.

Program:

```
#include <iostream>
```

```
#include<string.h>
```

```
class person
```

```
{
```

```
    char name[20];
```

```
    float age;
```

public:

person(char*s,float a)

{

strcpy(name, s);

age=a;

}

person & greater(person & x)

{

if

(x.age>=age)

return x;

else

return*this;

}

void display(void)

{

std::cout<<"Name: "<<name<<"\n"

<<"Age: "<<age<<"\n";

}

```
};  
  
int main()  
{  
    std::cout<<"08_Rabin Nadar"<<std::endl;  
    person  
p1("Sweta",25.0),p2("Sadaf",35.0),p3("Kubra",32.0);  
    person p=p1.greater(p3);  
    std::cout<<"Elder Person is:\n";  
    p.display();  
    p=p1.greater(p2);  
    std::cout<<"\nElder person is:\n";  
    p.display();  
    return 0;  
}
```

Output:

```
Output Clear  
  
/tmp/nSs2dpsRaE.o  
08_Rabin Nadar  
Elder Person is:  
Name: Kubra  
Age: 32  
Elder person is:  
Name: Sadaf  
Age: 35
```

Conclusion:

Successfully written the code and executed it.