



COMSATS Institute of Information Technology, Sahiwal

DEPARTMENT OF COMPUTER SCIENCE

1st Sessional

Instructor: Sami Hassan

Time: 60 Minutes

Course: OOP

Marks: 20(15+5)

Program: BCS (B)

Q1: Create a class called time that has separate int member data for hours, minutes, and seconds. Once constructor should initialize this data to 0, and another should initialize it to fixed values. Another member function should display it, in 11:59:59 format. The final member function should add two objects of type time passed as arguments.

A main() program should create two initialized time objects (should they be const?) and one that isn't initialized. Then it should add the two initialized values together, leaving the result in the third time variable. Finally it should display the value of this third variable. Make appropriate member functions const.

Q:2 Write output for the following program.

```
#include<iostream>
```

```
using namespace std;
```

```
class something
```

```
{
```

```
private:
```

```
int s;
```

```
public:
```

```
void input()
```

```
{
```

```
cout << " Enter an integer\n";
```

```
cin >> s;
```

```
}
```

```
};
```

```
void something :: output()
```

```
{
```

```
cout << "Variable entered is ";
```

```
cout << s++<< "\n";
```

```
cout<<++s<<endl;
```

```
}
```

```
void main()
```

```
{
```

```
something object;
```

```
object.input();
```

```
object.output();
```

```
object.output();
```

```
return 0;
```

```
}
```