

**INDIAN INSTITUTE OF SPACE SCIENCE AND TECHNOLOGY
THIRUVANANTHAPURAM 695 547**

**First Year B. Tech. - Assignment Sheet
MA122-Computer Programming and Applications**

26.03.2017

Maximum Marks: 10

Assignment Sheet 11

- a. Create a `Time` class. Each object of this class will represent a specific time of day, storing the hours, minutes and seconds as integers. Include a function `set_time(int h, int m, int s)` to set the initial values of an object, a function `advance(int h, int m, int s)` to advance the current time of an existing object, a function `reset(int h, int m, int s)` to reset the current time of an existing object, and a `show()` function to show the current time of an object. Also write a main program to implement the `Time` class by using its member functions.

Program submission:

Name the programs as `XXXA11Y.cpp`, where `XXX` is the last three digits of your student id and `Y` is program number. For example, if the student id is 'sc17b150' and your program number is 'a' then the file name should be `150A11a.cpp`. Submit the programs using ftp to the server: 172.20.2.200