

Assignment 4

Q1. Write a class for Time and provide the functionality

Time()

Time(int h,int m,int s)

getHour()

getMinute()

getSeconds()

printTime()

setHour()

setMinute()

setSeconds()

In main create an array dynamically of Time * of size 5.

Accept the values and display.

Q3. Stack is a Last-In-First-Out data structure. Write a Stack class. It implements stack using

Dynamically allocated array. Stack size should be passed in parameterized constructor. If size is not given, allocate stack of size 5.

Provide member functions like push(), pop(), peek(), isEmpty(), isFull(), and print().