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Algorithm

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Project 2

1. There will need to be three classes (doctor, patient, and appointments).

Class Doctor{

Public:

Doctor(char\*, int, char\*)

getDoctor

printDoctor

~Doctor

Private:

Char\* name;

Int age;

Char\* department;

Class Patient

Public:

Patient(char\*, int, char\*)

getPatient

printPatient

~Patient

Private:

Char\* name;

Int age;

Char\* gender;

Class appointment

Public:

viewApp

addApp

removeApp

Private:

char timeSlots[5,8];

char\* doctor;

char\* patient;

1. Steps for solving:
2. Create a doctor class
3. Create a patient class
4. Create an appointment class
5. Switch for accessing doctor information
6. Switch for viewing schedule, adding or removing appointments
7. Nest the switches into while loops to create a functioning menu
8. Finalize program
9. Unfortunately, I did not give myself enough time for this project because I prioritized my time toward a physics exam and mismanaged my time. However, I’m not sure that would have helped much anyway because I spent approximately 16 total hours (95% of which was reading and watching tutorials) just trying to figure out how to use the files we were provided. I’ve never seen that before and didn’t know how to use them. I find it difficult to put concepts together in coding. I have only learned and practiced the basics and don’t understand how to expand on those.