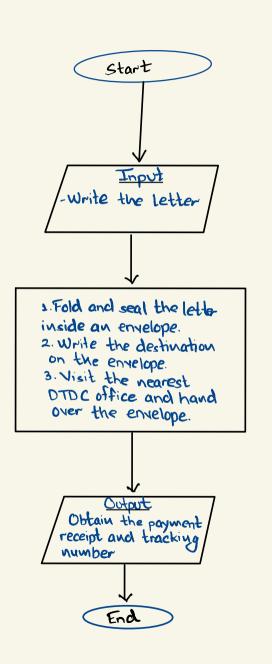
final grade and indicate whether it is passing or failing. The final grade is calculated as average of 4 subjects - Physics, Chewisty Biology and Mathematics. (Passing criteria = 40 marks) Start Input marks: Phy Chem Math Avg-marks = (Phy+Chem+ Bio+Mathe) Ang-marks>40 Yes Passing Failing End

1. Write an algorithm or flow chart to determine a student's

2 write a algorithm or flow chart for posting a letter.



3. Write an algorithm or flow chart to catch a school bus.

Algorithm

1. Wake up early.

2. Brush your teeth and take a bath.

3. Wear the school uniform and shoes.

4. Eat breakfast and pack your bag.

5. Leave home to reach the designated bus stop 5 minutes before the scheduled arrival time of the bus.

6. Board the bus as soon as it arrives.

4. Write an algorithm/flow chart for getting married. Start Marital status ye<u>s</u> NO Gender=male Yes Employed No Age > 18 Yes Not eligible Not eligible Yes Age>21 Find a suitable groom. Repare for marriage Not eliquble Married Find a suitable Prepare for marriage Married End

5. Write class, data members and member functions for a soccer player. Class -> Player Data members --- name Jersey_number age weight soccer_iq Member -> playerRecord()
function ranking()
goal_score()