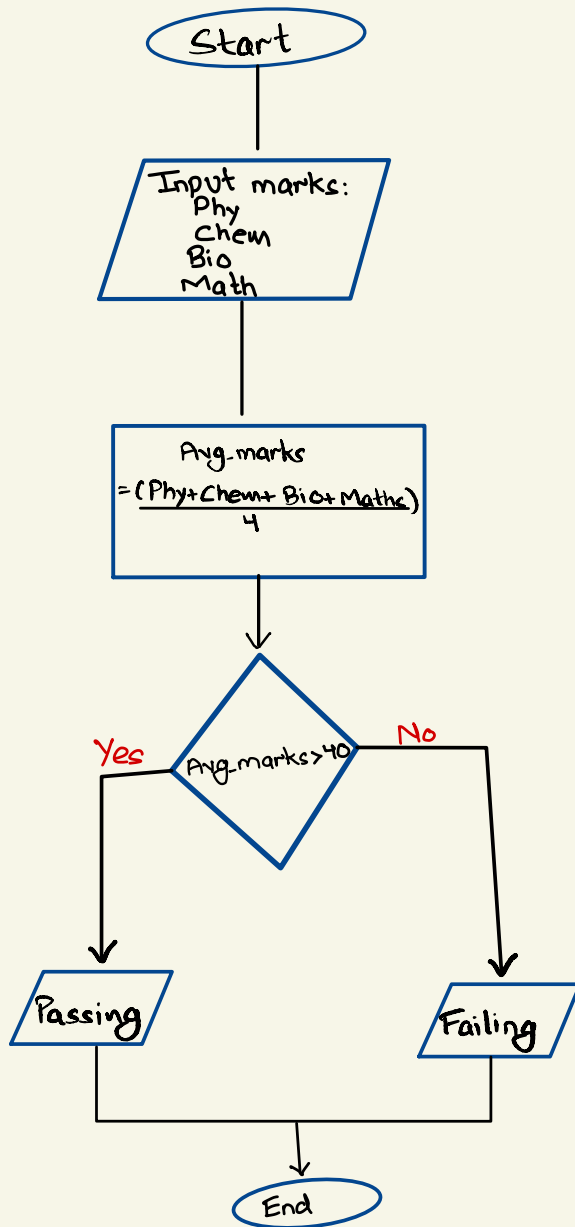
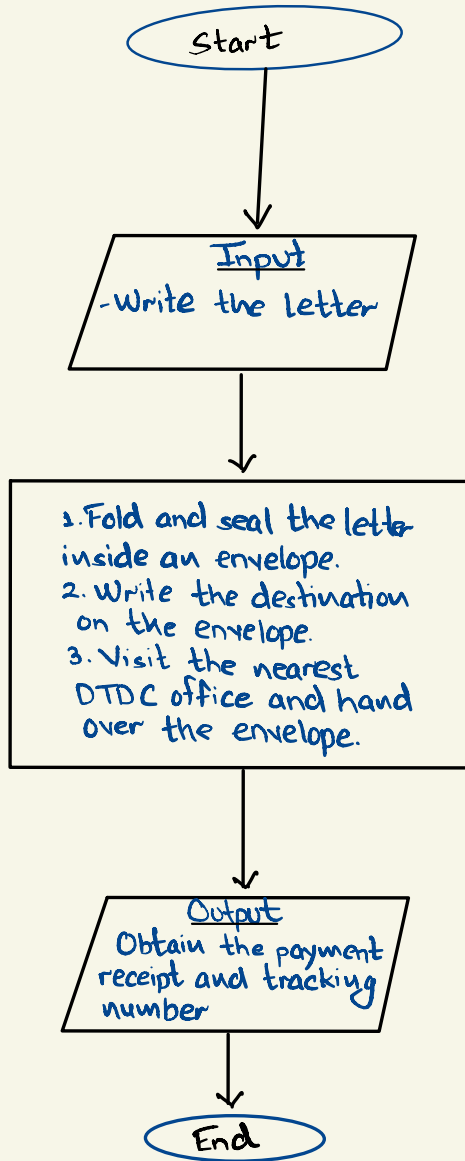


1. Write an algorithm or flow chart to determine a student's final grade and indicate whether it is passing or failing. The final grade is calculated as average of 4 subjects - Physics, Chemistry, Biology and Mathematics. (Passing criteria = 40 marks)



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

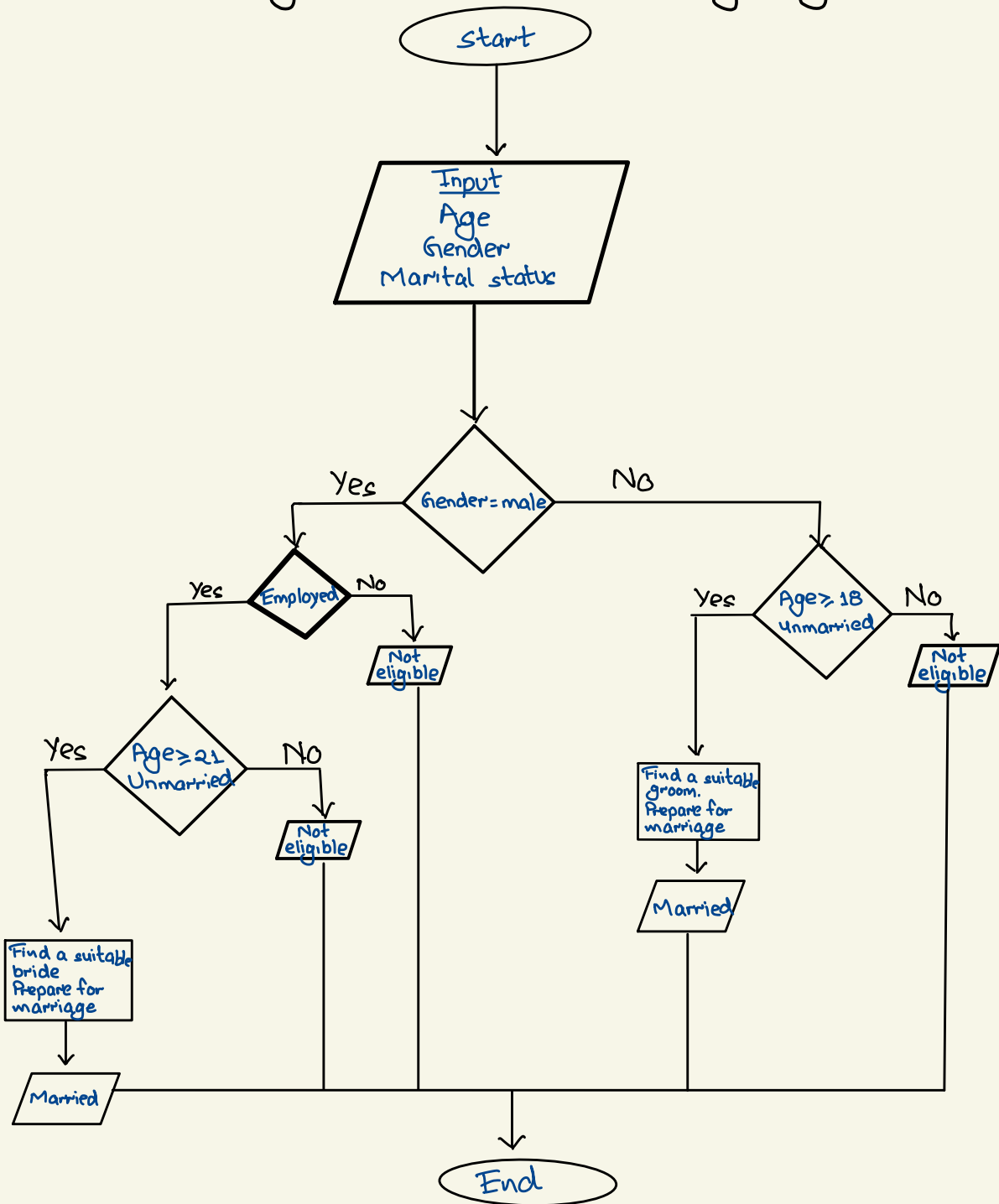


3. Write an algorithm or flow chart to catch a school bus.

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.



5. Write class, data members and member functions for a soccer player.

Class → Player

Data members → name
jersey_number
age
weight
soccer iq

Member
function → playerRecord()
ranking()
goal_score()