

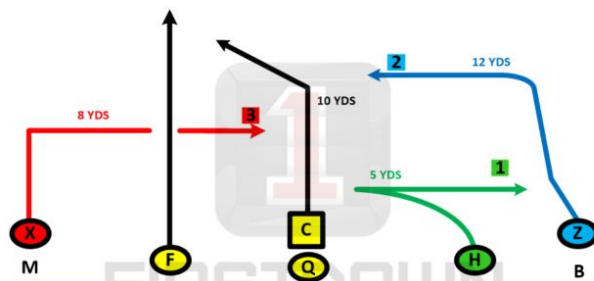
# Selection Practice Problems

1. You're the coach of the basketball team at Georgia Tech. The current score of the game is Duke 71 Georgia Tech 70 and there are less than 2.3 seconds left on the clock. Your best player just got fouled and has two shots at the free throw line. You've just called your last timeout to give your team the last set of instructions for the end game. Using text pseudocode, type the directions you plan to give your team in text pseudocode based on the free throw outcomes. **Remember you might have to write multiple lines of pseudocode and conditionals based on the score and outcome of the free throws.**

2. You are playing Uno with your friend. They have three cards left and your hand is below. They have just played a Wild Card. Using text pseudocode, explain your next potential turns using conditionals. **Remember you might have to write multiple lines of pseudocode since they have just played a Wild Card.**



3. You are the head flag football coach a local high school. Your team is currently planning on going for two to win the playoff game. Using text pseudocode, explain what wide receiver options will be open to the QB from the play below based on the defense.



4. You are playing [spades](#) and below is your hand. It is your partner's turn to say how many books they can get. Using text pseudocode, explain how many books you will say you can win based on your partner's number (hint: you will need to use a nesting conditional for this).



5. You have a dice and a deck of cards. Using this [Blank Pseudocode](#), create your own game that creates four opportunity to earn points for two teams using nesting conditionals. (Don't forget to make a copy of the blank pseudocode so you can add your game information. You can add the drawing to this document or just share the link under this question).